



GOVERNMENT OF SINDH  
SINDH MASS TRANSIT AUTHORITY

Dated: 19<sup>th</sup> June 2020


MINUTES OF 1<sup>ST</sup> CONSULTANT SELECTION COMMITTEE MEETING FOR  
KARACHI MOBILITY PROJECT YELLOW BRT.


Consultant Selection Committee meeting of Karachi Mobility Project Yellow BRT was held on 19<sup>th</sup> June 2020 at 11:30 am (Committee Room), Sindh Mass Transit Authority office No. 20, Street No. 9, Khayaban-e-Shamshere, Phase-V, DHA, Karachi under the chairmanship of Managing Director, SMTA, List of participants is attached as (**Annexure "A"**).


1. Managing Director, SMTA, GoS initiated the meeting by welcoming all the participants. Mr. Ashraf Lakho (Chief Consultant), TMTD attended the meeting, however due to Covid-19 smart lockdown Mr. Niaz Ali, (Director ITS) could not attend the meeting but he was online via Skype, Mr. Yousuf Munir, Director Infrastructure/ Projects had to attend meeting via skype but he informed that he is not feeling well because of Covid positive and he was on call with Managing Director, SMTA. Mr. Sikandar Ali Sheikh (Chief Transport) P&D Department could not attend the meeting on skype due to non-availability of light, Mr. Rafay Ali Laghari Director (Finance & Accounts) attended the meeting on skype, Mr. Muhammad Danish (Director Finance), PPP Unit, was supposed to attend the meeting via skype but he could not attend the meeting on skype.
2. It was informed that Expression of Interest (EOI) was invited in all leading newspapers on 19<sup>th</sup> February 2020, the last date for the submission of Expression of Interest was 17<sup>th</sup> March 2020, copy of advertisement is attached as (**Annexure "B"**), but due to outbreak of Covid-19 across the world and up on the request of bidders a corrigendum was issued to extend the last date of submission of Expression of Interest by 6<sup>th</sup> April 2020.
3. In response, thirteen (13) firms had submitted the Expression of Interest in hard and soft copy as well. List is attached as (**Annexure "C"**). Director Infrastructure/ Projects, SMTA have already shared soft copy of Expression of Interest received from consulting firms with all members of Consultant Selection Committee to expedite the process of shortlisting of consultant.

4. Furthermore, it was informed that preliminary evaluation of EOIs is being in process by the members of Consultant Selection Committee i.e. Yousuf Munir, Director Infrastructure/ Projects, SMTA, Rafay Ali Laghari, Director Finance & Accounts, SMTA, Niaz Ali, Director ITS, SMTA. Director Infrastructure/ Projects, SMTA will brief the preliminary evaluation of all the Expression of Interest in the next CSC meeting to be held on **26<sup>th</sup> June, 2020 at 3:00 pm** at SMTA office..
5. In the meeting it was proposed by the members who attended the meeting, that all members of CSC will go through all the EOIs and submit their queries / observations by **24<sup>th</sup> June, 2020** via email [managingdirector.smta@gmail.com](mailto:managingdirector.smta@gmail.com).

6. The meeting adjourned with the vote of thanks to and from the chair.

  
**Rafay Ali Laghari**  
Director Finance & Accounts  
SMTA, GoS

  
**Ashraf Ali Lakhó**  
Chief Consultant  
TMTD, GoS

  
**Iqtidar Ahmed**  
Managing Director,  
SMTA, GoS



## SUBJECT:

Time: 11:00 am

Defect

[illegible]





Sindh  
Mass Transit  
Authority

# REQUEST FOR EXPRESSION OF INTEREST



## Procurement of Consulting Services (Firm) for the Preparation of Detailed Design, Procurement Support and Construction Supervision Services

Name of Country: Islamic Republic of Pakistan

Loan No: IBRD 8995-PK

Name of Project: Karachi Mobility Project - Yellow BRT  
Reference No.: PK-SMTA-122605-CS-QCBS

Client: Sindh Mass Transit Authority (SMTA), Government of Sindh

The Islamic Republic of Pakistan has received financing from the World Bank toward the cost of the Karachi Mobility Project - Yellow BRT (the Project) and intends to apply part of the proceeds for the consulting services for Preparation of Detailed Design, Procurement Support and Construction Supervision Services (the Services).

The Project corridor is approximately 21 km long, starting from Dawood Chowrang to Numash [via Korangi Road, Shahrah-e-Faisal and Shahrah-e-Quaid-e-Azam] and is part of the overall Karachi Mass Transit System. The Project is also comprised of two bus depots and approximately 67 km of smaller off-corridor roads (direct and feeder routes) which would be improved as part of the Project. The Project follows the integrated corridor management approach with the overarching objective to improve mobility, accessibility and safety along its alignment.

The objectives of the required Services are:

1. To prepare Detailed Design along the Yellow BRT Corridor and the Off-corridors.
2. To prepare the bidding documents for construction contracts and to provide necessary procurement and technical assistance to the Client during the bidding processes.
3. To prepare Employer's Requirements and supervise works for a part of the project to be undertaken through Design-Build contract.
4. To provide Construction Supervision services.
5. To implement Building Information Modeling for constructing the whole of the asset digitally and using this model to support all stakeholders during the complete lifecycle of the project.

The estimated duration of the services is sixty (60) months from the contract signing till the completion of the Defect Notification Period (DNP). The consultants would be required to field a multi-disciplinary team of professional and support staff with rich experience in projects of similar scale, nature and complexity. The consultants shall work with the Project Management team of the Client to carry out the above tasks.

The outlines of Terms of Reference for the Services may be found at <http://www.karachibreeze.pk/smta> under the section of Yellow BRT.

The SMTA now invites eligible and experienced consulting firms to submit their interest in providing the Services. Interested consulting firms are required to provide only the pertinent information demonstrating the required qualifications and skills along with relevant experience to perform the Services. The shortlisting criteria is as under

NO.	CRITERIA
1.	<b>Track Record:</b> Firm's corporate capacity and profile for minimum of last 15 years [core business areas, policies, vision & mission, experience in urban transport and mass transit projects, financial details, achievements]. The consultants must never have been black-listed by any client or have left any project incomplete.
2.1	<b>General Technical Experience:</b> Proven general experience of providing the consulting Services in infrastructure development projects during the past 15 years. The consultants should be able to demonstrate the successful completion of at least 6 projects - each worth minimum of US\$ 200 million or above.
2.2	<b>Specific Technical Experience:</b> Proven specific experience of providing the consulting Services on projects of similar nature comparing the complexity and cost of the Project. The consultants should have successfully completed minimum of 4 projects of specific experience each worth minimum of US\$ 250 million or above. The consultants are required to provide an evidence (project description, client's details, completion certificate, role of the consultant on the presented project including worth & duration of the services provided, any specific innovative practice adopted to meet the project objectives, etc.) to demonstrate their general and specific experience. The projects of similar scale, nature and complexity undertaken in Pakistan or South Asian region may be given priority if deemed appropriate.
3.	<b>Overall Managerial Capacity &amp; Financial Strength:</b> Consultants are required to demonstrate strong technical and managerial staff employed by them and evidence of positive net-worth to be substantiated by submitting certified audit reports of last five years.

The attention of the interested consultants is drawn to Section III - Governance, 3.14 [Conflict of Interest], 3.16 and 3.17 [Consulting Services] of the World Bank's Procurement Regulations for IPF Borrowers, July 2016, revised November 2017 and August 2018.

Consultants may associate with other firms to enhance their qualifications, but should indicate clearly whether the association is in the form of a joint venture and/or a sub-consultancy. In the case of a joint venture, all the partners in the joint venture shall be jointly and severally liable for the entire contract, if selected. A consultant will be selected in accordance with the Quality and Cost Based Selection method set out in the above-mentioned World Bank's Procurement Regulations.

Further information may be obtained at the address below during office hours [09:00 - 17:00 hours].  
Expressions of interest must be delivered, complete in all respects, to the address below in person or by courier by 17th March 2020.

**Sindh Mass Transit Authority, Transport & Mass Transit Department, Government of Sindh**  
**Director, Projects / Infrastructure,**

House # 20, Street No. 9, Khayaban-e-Shamshere, DHA, Karachi, Pakistan. Tel: 92-21-89939911  
E-mail: [kmp.infra.smta@gmail.com](mailto:kmp.infra.smta@gmail.com) and [director.infra.smta@gmail.com](mailto:director.infra.smta@gmail.com) Web: <http://www.karachibreeze.pk/SMTA>



CONSULTING SERVICES (FIRM) FOR THE PREPARATION OF DETAILED DESIGN, PROCUREMENT SUPPORT AND CONSTRUCTION SUPERVISION SERVICES, KARACHI URBAN MOBILITY PROJECT-YELLOW BRT

PROPOSAL SUBMISSION

SR. NO.	NAME OF COMPANY	Phone No.	CITY	DATE
1.	M/s Rendardet SA consulting Engineers, National Highway Authority Compound	041-8459601 041-8459606	Khaniwal, Faisalabad	13.3.2020
2.	BOTEK BOGAZICI TEKNİK MUSAVER A.S. DR BULENT TARGAN SOK. 10 FULYA MAH BOTEK IS MER. SISU	+922199332911	Istanbul, Turkey	16.3.2020
3.	Kunwa Engineering & Consulting CO., Ltd. (Kunwa) In Joint Venture with DONG IL Engineering Consultants Co.Ltd (DONGIL) and In association with Euroconsult Pakistan (Pvt.) Ltd. (ECPAK), Umar Munshi Association (UMA), ProMag Pvt. Ltd. (PPL)	+82-2-6938-7510	321 Tehran-ro, Gangnam-gu, Seoul, Korea	17.3.2020
4.	Creative Engineering Consultant	091-5841553	Phase-3 Chowk Mian Jannud Road Peshawar	6.4.2020
5.	Tumas Turk Muhendislik Musa Virlik EMAY International Engineering		Ankara Turk Istanbul-Turki	6.4.2020
6.	Bilfinger Tebodin Middle East		Abu Dubi	6.4.2020
7.	TYPSA / MMP	+924235450914-5	C-3 Green Forts 2, Jhelum Block Green Forts II Lahore	2.6.2020
8.	ITAL Consultant Indus Associated Consultants (Pvt)	(9221)35210591	Karachi	3.6.2020
9.	NESPAK	021-99090000/ 99225277-87	1 <sup>st</sup> Floor NICL Building Abbasi Shahed Road Shahr-e-Faisal, Karachi	4.6.2020
10.	SCE / Exponent SCE RUE Vivianic- cs26220-44262 Nantes Cedex 2-	+33(0)251172929	France	4.6.2020
11.	Osmani Company (Pvt) Ltd.	021-345336007-8	Karachi, Pakistan	4.6.2020
12.	KAISER ENGINEERING and CONSULTING INC LEAD MEMBER joint venture with, APCO, ZEBRUK, SMBC, LOYA Associates and EGC	02166519778	Istanbul, Turki	11.6.2020
13.	M/S ESER Consulting Engineering associate with M/S TECHNO-CONSULT INTERNATIONAL PVT LTD, PAKISTAN	021-34530630	Turkey	11.6.2020





GOVERNMENT OF SINDH  
SINDH MASS TRANSIT AUTHORITY

Subject:

MINUTES OF 2<sup>ND</sup> CONSULTANT SELECTION COMMITTEE (CSC) FOR  
KARACHI MOBILITY PROJECT YELLOW LINE BRT.

The second meeting of the Consultant Selection Committee [the Committee] was held on 25<sup>th</sup> June 2020. The chair of the CSC welcomed the members and introduced the Project Director of the Karachi Mobility Project- Yellow BRT [the Project] who has been recently notified vide S&GAD notification *SOI(SG&CD)-3/20/2019* dated 15<sup>th</sup> June 2020. As a matter of understanding, the Committee was given a brief on the Project. It was informed to the Committee that this procurement exercise is meant to procure consultancy services for undertaking Detailed Design, Procurement Support and Construction Supervision.

2. It was informed to the Committee that the Request for Expression of Interest [the REOI] was prepared considering the complexity, scale and nature of the Project. In compliance of the World Bank Procurement Regulations for IPF Borrowers July 2016, revised November 2017 and August 2018 (the Procurement Regulations), Annex II (No. 7), the REOI document duly prepared by the SMTA and was approved by the World Bank for publishing (**Annexure A**). The REOI was first published with the deadline of 17<sup>th</sup> March 2020 but later this deadline was extended till 6<sup>th</sup> April 2020 considering the global Covid-19 issue (**Annexure B**). In response to the REOI, thirteen firms submitted their EOIs (list of firms are at **Annexure C**) which now needs to be evaluated for shortlisting / pre-qualification purpose. The Committee discussed the overall REOI document and shortlisting criteria and it was decided to accord a post-facto approval on the same. Furthermore, it was proposed that the Committee needs to be re-constituted and the Project Director be included in the Committee. It was decided that a request to the Transport & Mass Transit Department will be sent to include following two members in the Committee.
- Project Director – Karachi Mobility Project
  - Deputy Director (Contracts/Procurement), SMTA

3. It was agreed that the evaluation of the EOIs will be discussed in the subsequent Committee meeting. The Chair requested the members to go through the EOI documents for better understanding and clarity.

Decisions:

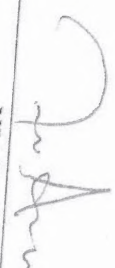
- i) The Committee agreed to accord post-facto approval on the REOI being published in accordance with the Procurement Regulations.
- ii) A request will be sent to the TMTD to include the Project Director and the Deputy Director Contracts, SMTA in the CSC.



**RAFAY LAGHARI**  
Director Finance &  
Accounts  
SMTA, GoS



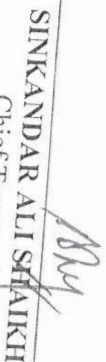
**YOUSUF MUNIR**  
Director Projects /  
Infrastructure  
SMTA, GoS



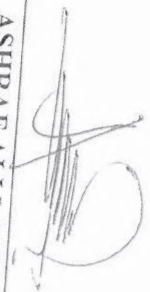
**NIAZ ALI**  
Director ITS  
SMTA, GoS



**MUHAMMAD DANISH**  
Director Finance  
PPP Unit,  
Finance Department GoS



**SINKANDAR ALI SHAIKH**  
Chief Transport  
P&D GoS



**ASHRAF ALI LAKHO**  
Chief Consultant  
TMTD, GoS



**IQTIDAR AHMED**  
Managing Director  
SMTA, GoS



Muhammad Yousuf Munir &lt;director.infra.smta@gmail.com&gt;

**No Objection to Expression of Interest submitted by SMTA for Pakistan - P166732 - Karachi Mobility Project - PK-SMTA-122605-CS-QCBS - Activity -1 Title: P**

STEP Admin &lt;noreply@worldbankgroup.org&gt;

To: director.infra.smta@gmail.com

Fri, Feb 14, 2020 at 4:56 PM

Cc: director.infra.smta@gmail.com, hraza@worldbank.org, projectengineer.brt.ol@gmail.com, hzaiddi@worldbank.org, sdandah@worldbank.org

Dear Muhammad Yousuf:

Pakistan-P166732:Karachi Mobility Project, Ln./Cr # IBRD-89950: No-Objection to Expressions of Interest for Activity -1 Title: Procurement of Consulting Services for Detail design, procurement support and construction supervision – Quality And Cost-Based Selection – Reference No. PK-SMTA-122605-CS-QCBS

We have reviewed the draft request for Expressions of Interest for the above-mentioned consulting services, submitted to the Bank on 2020/02/14. Based on the information provided, the Bank has no objection to the text of the request

In accordance with the requirements in the applicable Regulations (Guidelines) please ensure publication of the request for Expression of Interest in the national press, your website and in UNDB Online.

Notices will be automatically published in UNDB Online and the World Bank's external website upon receiving the Bank's No Objection

Best Regards,

Said Dahdah

[STEP System Users - Click here](#)[Bank Users - Click here](#)





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## REQUEST FOR EXPRESSION OF INTEREST



### Procurement of Consulting Services (Firm) for the Preparation of Detailed Design, Procurement Support and Construction Supervision Services

Name of Country: Islamic Republic of Pakistan  
Name of Project: Karachi Mobility Project – Yellow BRT  
Loan No: IBRD 8995-PK  
Reference No.: PK-SMTA-122605-CS-QCBS  
Client: Sindh Mass Transit Authority (SMTA), Government of Sindh

The Islamic Republic of Pakistan has received financing from the World Bank toward the cost of the Karachi Mobility Project – Yellow BRT [the Project] and intends to apply part of the proceeds for the consulting services for **Preparation of Detailed Design, Procurement Support and Construction Supervision Services** [the Services].

The Project corridor is approximately 21 km long, starting from Dawood Chowranghi to Numash [via Korangi Road, Shahrah-e-Faisal and Shahrah-e-Quaideen] and is part of the overall Karachi Mass Transit System. The Project is also comprised of two bus depots and approximately 67 km of smaller off-corridor roads [direct and feeder routes] which would be improved as part of the Project. The Project follows the integrated corridor management approach with the overarching objective to improve mobility, accessibility and safety along its alignment.

The objectives of the required Services are:

1. To prepare Detailed Design along the Yellow BRT Corridor and the Off-corridors.
2. To prepare the bidding documents for construction contracts and to provide necessary procurement and technical assistance to the Client during the bidding processes.
3. To prepare Employer's Requirements and supervise works for a part of the project to be undertaken through Design-Build contract.
4. To provide Construction Supervision services.
5. To implement Building Information Modeling for constructing the whole of the asset digitally and using this model to support all stakeholders during the complete lifecycle of the project.

The estimated duration of the services is sixty (60) months from the contract signing till the completion of the Defect Notification Period (DNP). The consultants would be required to field a multi-disciplinary team of professional and support staff with rich experience in projects of similar scale, nature and complexity. The consultants shall work with the Project Management Team of the Client to carry out the above tasks.

The outlines of Terms of Reference for the Services may be found at <http://www.karachibreeze.pk/smta> under the section of Yellow BRT.

The SMTA now invites eligible and experienced consulting firms to submit their interest in providing the Services. Interested consulting firms are required to provide only the pertinent information demonstrating the required qualifications and skills along-with relevant experience to perform the Services. The shortlisting criteria is as under:

# CRITERIA

NO.	
1.	<p><b><u>Track Record:</u></b> Firm's corporate capacity and profile for minimum of last 15 years [core business areas, policies, vision &amp; mission, experience in urban transport and mass transit projects, financial details, achievements]. The consultants must never have been black-listed by any client or have left any project incomplete.</p> <p><b><u>General Technical Experience:</u></b> Proven general experience of providing the consulting Services in infrastructure development projects during the past 15 years. The consultants should be able to demonstrate the successful completion of at least 6 projects – each worth minimum of US\$ 200 million or above.</p>
2.1	
2.2	<p><b><u>Specific Technical Experience:</u></b> Proven specific experience of providing the consulting Services on projects of similar nature comparing the complexity and cost of the Project. The consultants should have successfully completed minimum of 4 projects of specific experience each worth minimum of US\$ 250 million or above, undertaken in last 10 years.</p> <p>The consultants are required to provide an evidence (project description, client's details, completion certificate, role of the consultant on the presented project including worth &amp; duration of the services provided, any specific innovative practice adopted to meet the project objectives, etc.) to demonstrate their general and specific experience. The projects be given priority if deemed appropriate.</p>
3.	<p><b><u>Overall Managerial Capacity &amp; Financial Strength:</u></b> Consultants are required to demonstrate strong technical and managerial staff employed by them and evidence of positive net-worth to be substantiated by submitting certified audit reports of last five years.</p>

The attention of the interested consultants is drawn to Section III – Governance; 3.14 [Conflict of Interest], 3.16 and 3.17 [Consulting Services] of the World Bank's Procurement Regulations for IPF Borrowers July 2016, revised November 2017 and August 2018

Consultants may associate with other firms to enhance their qualifications, but should indicate clearly whether the association is in the form of a joint venture and/or a sub-consultancy. In the case of a joint venture, all the partners in the joint venture shall be jointly and severally liable for the entire contract, if selected.

A consultant will be selected in accordance with the Quality and Cost Based Selection method set out in the above-mentioned World Bank's Procurement Regulations.

Further information may be obtained at the address below during office hours [09:00 – 17:00 hours]. Expressions of interest must be delivered, complete in all respects, to the address below in person or by courier by 17<sup>th</sup> March 2020.

Sindh Mass Transit Authority  
Transport & Mass Transit Department, Government of Sindh  
Director Projects / Infrastructure  
House # 20, Street No. 9, Khayaban-e-Shamsheer, DHA, Karachi, Pakistan  
Tel: 92-21-99332911  
E-mail: [kmp.infra.smta@gmail.com](mailto:kmp.infra.smta@gmail.com) and [director.infra.smta@gmail.com](mailto:director.infra.smta@gmail.com)  
Web: <http://www.karachibreeze.pk/SMTA>





Islamic Republic of Pakistan

Government of Sindh

**Sindh Mass Transit Authority**

**KARACHI MOBILITY PROJECT**

Outlines of Terms of Reference of Consulting Services for  
Preparation of Detail Design, Procurement Assistance and  
Construction Supervision Services

Reference No: PK-SMTA-122605-CS-QCBS

## **1 BACKGROUND**

The implementation of a comprehensive solution to Karachi's severe urban mobility problems is underway through decisive Federal and Provincial Governments engagement towards the implementation of a Bus Rapid Transit System (BRTS) as planned under the Karachi Urban Transport Master Plan of 2030. As of 2020, the BRTS implementation efforts in the city, spearheaded by the Federal Government, Government of Sindh (GoS), and the Sindh Mass Transit Authority (SMTA), were focused on: (i) completion of roadworks and associated facilities, and selection of an operator for BRTS operation and maintenance for the Green/Orange BRT Corridor; (ii) continuation and follow-up of contracts for planning, detail engineering design, and business plan definition for the Red BRT Corridor; to be followed up with the start of construction works and (iii) elaboration/update of preliminary design and feasibility studies for Yellow BRT Corridor to be followed up with the preparation of detailed engineering designs and bidding documents.

The Government of Sindh and the World Bank are committed to financing the infrastructure and structuring the operation and business model for the Yellow BRT Corridor, using a mix of financing instruments to maximize the available funding for the development and operation of the BRTS, through the Karachi Mobility Project – Yellow BRT [the Project]. The Project follows the integrated corridor management approach aiming to improve the needs (mobility, accessibility, safety) of all road users along the corridor. Severely deteriorated road sections along the Yellow BRT Corridor and catchment areas as well as traffic management will be improved and parking issues will be addressed. It is estimated that more than 700,000 people will benefit from this project, particularly people living and working along the Korangi industrial area.

In order to support execution of the infrastructure component of the Project, the SMTA and its Project Management Team (PMT) [hereinafter referred to as "the Client" or "the Employer", as relevant] wishes to engage a well-qualified consulting firm [hereinafter referred to as "the Consultant"] to undertake the preparation of detailed design, provide procurement assistance, construction supervision and contract administration (in the capacity of the Engineer) [hereinafter referred to as "the Services"].

## **2 DESCRIPTION OF THE PROJECT:**

The Project corridor is approximately 21 km long, starting from Dawood Chowranghi to Numainish [via Korangi Road, Shahrah-e-Faisal and Shahrah-e-Quaideen] and is part of the overall Karachi Mass Transit System. The Project is also comprised of two bus depots and approximately 67 km of smaller off-corridor roads (direct and feeder routes) which would be improved as part of the Project. The Project follows the integrated corridor management approach with the overarching objective to improve mobility, accessibility and safety along its alignment. The Project mainly consists of following components,

- i) Two bus depots
- ii) Twenty-One (21) Kms of BRT infrastructure and road corridor (from façade to façade)
- iii) A 1km bridge to be undertaken through Design Build contract.
- iv) Approximately sixty-seven (67) Kms smaller off-corridor road improvements.



## 2.1 PRELIMINARY DESIGN

Preliminary Design for the Yellow BRT was first prepared in 2014 and then updated, in 2019. During the preparation of Preliminary Design, mapping of existing road conditions and utilities was performed along the corridor. Also, traffic simulations were carried out at selected junctions. Content of the preliminary design drawings is summarized in Table . The information / surveys captured during the preliminary design exercise and the preliminary design is available with SMTA and would be made available to the shortlisted consultants to enable them prepare their technical and financial proposals for this assignment.

*Table 1 Summary of the Preliminary Design drawings*

Volume	Title	Drawings
I	Infrastructure works	General drawings Topographic survey Layout plan, including typical cross sections, traffic signalization and equipment, and details Existing utilities Depots' typical details Storm water drainage (concept of the system)
II	Architecture and Structural works	Stations (typical layouts and cross sections) Depots (master plan layout and structures' layouts and sections)
III	Mechanical, Electrical and Plumbing works	Layouts, typical details and general distribution schemes for mechanical works, electrical works, plumbing, sewerage and firefighting, at depots

In addition to the above-mentioned design drawings, the following design report was delivered:

“Update of the Preliminary Design and Cost Estimates for Karachi Urban Mobility Project’, BRTS Yellow Line, Final report, December 2019”

### Main Report

Annexure 1 – Topographic Survey Report  
Annexure 2 – Traffic Data  
Annexure 3 – Geotechnical Survey Report  
Annexure 4 – Traffic Signal Timings  
Annexure 5 – Design Inputs, Standards and Criteria  
Annexure 6 – Photographs of Site Visit  
Annexure 7 – Preliminary Design Drawings

## 3 OBJECTIVE OF SERVICES

Objectives of these consulting services are to:

- i. Prepare Detailed Design on the basis of the available preliminary design results and recommendations, including the element of the value engineering (predominantly in terms of materials selection, optimization of pavement structures, systematization of structures and components, and technology) to determine if better cost-effective alternatives are viable, however without compromising the quality and functionality of the infrastructure along the Yellow BRT Corridor and off-corridors;
- ii. Assist the Client in preparation of bidding documents for construction contracts;
- iii. Assist the Client in preparation of Employer's requirements for 1 km long bridge, by thoroughly reviewing the available Preliminary Design and deciding on the extent of information to be added in the Employer's requirements so that excess of information does not provide basis for the contractor to absolve from the responsibility of the design and sufficiency of the contract price;

- iv. Provide necessary procurement and technical assistance to the Client during the bidding processes including, but not limited to, attending the pre-selection and pre-bid meetings, evaluation of bids, and contract award and signing;
- v. Supervise the works to ensure that the executed works comply with the approved designs, internationally acceptable technical specifications, environmental and social safeguards and sound engineering practice;
- vi. Prepare final construction reports and compile full set of as-built drawings of all completed works, as well as full set of documents for entry into cadaster books/records;
- vii. Support the use of Building Information Modeling for constructing the whole of the asset digitally and using this model to support all stakeholders during the complete lifecycle of the project.

#### 4

### BRIEF ON SCOPE OF SERVICES

#### 4.1

### PREPARATION OF DETAILED DESIGN

The main purpose of the Detailed Design [to be prepared following Pakistani legislation, technical regulations and AASHTO in case of certain elements not being regulated] is to provide sufficient detail for preparation of bidding documents and execution of works. The Preliminary Design and a BRT Operational Plan have already been carried out for the Project. The Consultant shall carry out an in-depth review of both with special emphasis on mobility, accessibility and safety, and Value Engineering and suggest improvements, if any. The designs must be prepared in accordance with environmental and social safeguards.

The Consultant's attention is specifically drawn to the fact that the preparation of the detail design for the Yellow Corridor, Off-corridors and Bus Depots will run in parallel so there will be a need for *adequate capacity* to prepare designs and bidding documents within the required time.

Based on the review of the preliminary design, the *detailed design outputs* will comprise of the following:

- Additional Engineering Surveys, Field Investigations and Laboratory Testing leading to updated technical studies and analysis.
- Geometric and Structural Designs, Technical Specifications and Cost Estimates [BRT Corridors, Off-Corridor Roads and NMT elements]
- Detailed Engineering / Architectural designs and Cost Estimates of BRT Stations, Bus Depots and Off Corridor Bus Shelters.
- Detailed Engineering Designs and Cost Estimates of Pavement structures [BRT corridor, Off Corridor Roads and Bus Depots]
- Detailed engineering design of Pedestrian and Roadside Facilities [Street furniture, lighting, and barriers, guardrails, and fences]
- Detailed engineering designs of Integrated Drainage System [with the specific attention to regulation of drainage in regular and storm conditions at underpasses and underground stations]
- Detailed engineering designs of Electrical Supply, Traffic Signals and Street Lighting.
- Landscaping, Station Area Design and Environmental Mitigation.
- Utilities Relocation
- Traffic Management [Traffic Management Plan (TMP) during construction]
- The Client shall arrange for the independent review and safety audit of the Detail Design. The Consultant will ensure that results from the safety audit are reflected in the detailed design, during construction and the DNP.



A

#### 4.2 PREPARATION OF BIDDING DOCUMENTS FOR CONTRACTOR SELECTION

All procurement activities under the KMP will be made using the World Bank Procurement Regulations for IPF Borrowers for Goods, Works, Non-Consulting and Consulting Services (July 2016; revised November 2017 and August 2018). The World Bank's standard procurement documents would form basis for the development of various construction bidding packages.

The outputs in procurement assistance for *construction contracts* shall comprise of the following:

- Prepare bidding documents for civil works packages including necessary support during the entire procurement process till the Award of Contract, including assistance to Client in bids evaluation. The Standard Bidding Documents of the World Bank shall be used for ICB procurements whereas the procurements targeting the national market would be carried out using the NCB bidding documents (meeting Section 5.4 of the WB Procurement Regulations) with prior agreement of the World Bank.
- The outputs in procurement assistance for *Design-Build contract* shall comprise of the following:
  - The construction works contract for Jam Sadiq bridge, will be awarded through Design and Build (D&B) contract.
  - Review the sufficiency of available Preliminary Design and suggest improvement (if any).
  - Preparation of Employer's requirement and bidding documents.
  - Support during the entire D&B procurement process till the award of contract including site visits, evaluation of bids, etc.
  - Review of the Detail Design submitted by the selected Contractor and supervise the works.

#### 4.3 CONSTRUCTION SUPERVISION

The Consultant shall perform the duties and authority of "the Engineer" as specified in or as necessarily implied by the contract, as well as administer the construction contract. Taking due regard of all relevant circumstances, the Consultant shall perform his duties or act:

- where the initiative lies with the Employer / Consultant in administering the construction contract;
- in response to the Contractor's or the Employer's requests; and
- in observing the requirements of the construction contract;

Wherever appropriate and not in conflict with the construction contract, the Consultant shall exercise every reasonable care to protect the interests of the Employer. In order to fulfill the above, the Consultant shall at all times take necessary measures and provide appropriate advice to the Client to enable the contract to be completed in timely and cost-effective manner, in conformity with the contract conditions and specifications. The Consultant and the Contractor shall be responsible to arrange for the Client and the World Bank, the opportunity to inspect the works and related documentation.

#### 4.4 POST-CONSTRUCTION ACTIVITIES

The Consultant shall supervise any corrective repairs and other works (including the administrative aspects of the works) during the Defect Notification Period (DNP) which is set to be 12 (twelve) months. For purposes of carrying out these services the Consultant shall assign necessary personnel to carry out inspection of the works and for the final inspection, preparation and issuing of final certificate. During this period, the Consultant shall be expected to draw the attention of the contractor to any defects as soon as such defects are noticed and shall supervise the subsequent remedial works by the contractor, as well as report to the Client on defects and remedial works.



#### 4.5 CAPACITY BUILDING AND INNOVATIVE APPROACH

The Consultant would be required to plan and deliver capacity building trainings for the Client's staff. These trainings would be in the areas of BRT design & planning concepts, procurement & contract management, project management, delivery and performance management, QHSE and relevant engineering software, financial and risk management, advanced economic and financial evaluation of capital projects etc.

The Client desires to implement the Project adopting new and modern techniques for project planning, design and implementation i.e. BIM. The following BIM deliverables and other outputs will be required.

- Site model
- Massing model
- Architectural, structural, MEP models
  - For regulatory submissions
  - For coordination and / or clash detection analysis
  - For visualization
  - For cost estimation
- Schedule and phasing program (In BIM)
- Construction and fabrication models
- Shop-drawings
- As-built model (in native proprietary or open formats)
- Data for facility management
- Other additional value-added BIM services

There will be routine presentations during the course of the Project to monitor the BIM model in contrast to the construction works and the final BIM model shall be under the ownership of the Client. Therefore, the Consultant must identify skilled staff for all disciplines who will take part in the project delivery from design stage to execution and operation/maintenance through BIM.

#### 5 DURATION OF SERVICES

The estimated duration of the services is 60 (sixty) months from the contract signing till the completion of the defect notification period, which comprise of 18 (eighteen) months of Detailed Design preparation (including review and revision) and Procurement of Contractors, 30 (thirty) months during construction and 12 (twelve) months after completion of works, i.e. during the DNP with the Consultant's intermittent input to check continuous quality and actual performance of the works.

The Consultant must consider the prospective peaks of activities and ensure the adequacy of staffing levels during such periods, and, at the same time, periods with low productivity levels should not be un-economically over-staffed. *The objective is that the Consultant should propose to assign professional team, which has experience of working on the successful projects of similar scale, nature and complexity and that will be best suited to the methodology of its design services, supervision and management systems.*

Details of staffing levels will be agreed through the course of the assignment between the consultant and the Client depending on the services and works currently in progress. The Consultant has to perform this assignment mainly in the field in Karachi. However, some work of the Consultant during preparation of Detailed Design and procurement assistance may be undertaken at their home office with the consent of the Client.

7/6/2020

Gmail - No Objection to Terms of Reference submitted by SMTA for Pakistan - P166732 - Karachi Mobility Project - PK-SMTA-122605...



Muhammad Yousuf Munir <director.infra.smta@gmail.com>

## No Objection to Terms of Reference submitted by SMTA for Pakistan - P166732 - Karachi Mobility Project - PK-SMTA-122605-CS-QCBS - Activity -1 Title: P

STEP Admin <noreply@worldbankgroup.org>

To: director.infra.smta@gmail.com

Fri, Feb 14, 2020 at 4:29 PM

Cc: director.infra.smta@gmail.com, haza@worldbank.org, projectengineer.brl.ol@gmail.com, hzaiddi@worldbank.org, sdahdah@worldbank.org

Dear Muhammad Yousuf,

Pakistan-P166732:Karachi Mobility Project, Ln./Cr # IBRD-89950: No-Objection to Terms of Reference for Activity -1 Title: Procurement of Consulting Services for Detail design, procurement support and construction supervision – Quality And Cost-Based Selection – Reference No. PK-SMTA-122605-CS-QCBS

We have reviewed the draft outline Terms of Reference (ToR) for the above-mentioned consulting services, submitted to the Bank on 2020/02/14. Based on the information provided, the Bank has no objection to the outline ToR for inclusion in the EOJ.

You may now further develop these outline ToR to make them detailed and comprehensive ( including safeguards aspects) and include as a part of the RFP for PK-SMTA-122605-CS-QCBS.

We look forward to receiving a draft of the completed RFP and Short-list for the above-mentioned consulting services for our review and further no objection.

Best Regards,

Said Dahdah

STEP System Users - Click here

Bank Users - Click here



7/6/2020

Gmail - Review Request for Terms of Reference Submitted by SMTA for Pakistan - P166732 - Karachi Mobility Project - PK-SMTA-12



Muhammad Yousuf Munir <director.infra.smta@gmail.com>

**Review Request for Terms of Reference Submitted by SMTA for Pakistan - P166732 - Karachi Mobility Project - PK-SMTA-122605-CS-QCBS - Activity -1 Title:**

**STEP Admin** <noreply@worldbankgroup.org>

To: hzaidi@worldbank.org, sdahdah@worldbank.org

Cc: director.infra.smta@gmail.com, rafay.ighani.smta@gmail.com, hraza@worldbank.org,

projectengineer.brl.o@gmail.com, managingdirector.smta@gmail.com, planning.smtc@gmail.com

Fri, Feb 14, 2020 at 4:01 PM

Muhammad Yousuf- Sindh Mass Transit Authority has submitted Terms of Reference for Pakistan - Karachi Mobility Project - PK-SMTA-122605-CS-QCBS to the Bank for Review

Dear Team,

We have uploaded the OUTLINES of TOR and the EOI, for the NOC through the STEP.

Best Regards,

Yousuf Munir

[STEP System Users - Click here](#)

[Bank Users - Click here](#)

7/6/2020

Gmail - Review Request for Expression of Interest submitted by SMTA for Pakistan - P166732 - Karachi Mobility Project - PK-SMTA-1



Muhammad Yousuf Munir <director.infra.smta@gmail.com>

**Review Request for Expression of Interest submitted by SMTA for Pakistan - P166732 - Karachi Mobility Project - PK-SMTA-122605-CS-QCBS - Activity -1 Title:**

**STEP Admin** <noreply@worldbankgroup.org>

Fri, Feb 14, 2020 at 4:48 PM

To: hzaidi@worldbank.org, sdahdah@worldbank.org

Cc: director.infra.smta@gmail.com, rafay.laghari.smta@gmail.com, haza@worldbank.org, projectengineer.brt.o@gmail.com, managingdirector.smta@gmail.com, planning.smtc@gmail.com

Muhammad Yousuf, Sindh Mass Transit Authority has submitted the Procurement Notice for Pakistan - P166732 - Karachi Mobility Project - PK-SMTA-122605-CS-QCBS - Expression of Interest for Review

Dear World Bank Team,

Thank you very much for your prompt response to our earlier submission. Based on the NOC on the Outlines of TOR, we are hereby submitting the EOJ for your further necessary action. Meanwhile, we will continue working to prepare detailed and comprehensive TORs as advised.

Best Regards,

Yousuf Munir

[STEP System Users - Click here](#)

[Bank Users - Click here](#)



# ZEERUK INTERNATIONAL (Pvt.) Ltd.

Dated: March 11, 2020  
Ref: ZI/4-3/20/ 244410

Director Projects/ Infrastructure  
Sindh Mass Transit Authority (SMTA)  
House No. 20, Street No. 9, Khayaban-e-Shamsheer,  
DHA, Karachi, Pakistan  
Phone: +92-21-99332911, +92-321-8773979  
E-mail: director.infra.smta@gmail.com

Subject: Request for Extension of Time:

Consulting Services for the Preparation of Detailed Design,  
Procurement Support and Construction Supervision

Project ID: P166732

Name of Project: Karachi Mobility Project - Yellow Line BRT

Dear Sir,

Reference is made to your advertisement regarding Expression of Interest of above-mentioned project. We, M/s Zeeruk International Pvt. Ltd are interested to participate for this project. Due to shortage of time, we are unable to prepare a good proposal. Therefore, it is requested that extension for two (02) weeks may please be granted, enabling us for preparation of Proposal in professional manner.

Your cooperation in this regard will be highly appreciated.

Looking forward for a healthy and fruitful working relationship.

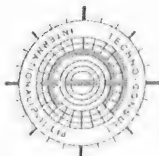
Best Regards,



Inam ur Rab Khan Minhas  
Chief Executive

CC: File





**Techno-Consult International (Pvt.) Ltd.**  
TECHNO-HOUSE, 37-K Block-6, P.E. C.H.S. Karachi 75400, Pakistan, Tel: (92-21) 9453-0930/31/32 Fax: (92-21) 9454-6606  
Electronic Mail: email@techno-consult.com

Web site: www.techno-consult.com



The Director Projects / Infrastructure  
Sindh Mass Transit Authority

Dated: March 11, 2020

Transport & Mass Transit Department,

Government of Sindh

House # 20; Street No. 9,

Khayaban-e-Shamshere, DHA,

Karachi, Pakistan

Tel: 92-21-99332911

**Karachi Mobility Project – Yellow BRT**

Procurement of Consulting Services (Firm) for the Preparation of Detailed Design, Procurement  
Support and Construction Supervision Services

Dear Sir,

**Extension of Time**

We refer to your advertisement published in Daily Dawn for Karachi Mobility Project - Yellow BRT for Procurement of Consulting Services (Firm) for the preparation of detailed design, procurement Support and construction supervision Services.

Taking into consideration the present international turmoil, wherein the epidemic of corona virus has given rise to many limitations across the globe. In this regard many countries have imposed travel restrictions and schedule of international flights has also been adversely affected. In such a scenario, international firms are reluctant to respond and participate in the process of prequalification of Firms.

You are therefore requested to extend the date of submission of EOJ documents by at least Six weeks.

Thanking and assuring you of our best services at all times we remain,

Very truly yours  
for TECHNO-CONSULT INT. (Pvt.) Ltd

M. Rizwan Sabir  
(M. Rizwan Sabir)  
Director Highways &  
Transportation

c.c.to: - Secretary Transport (SMTA), Tughlak House, Sindh,  
Secretariat, Building-2  
- Chief Consulting Transport Sindh Secretariat



Ref: ECIL/D&C/67/2020/0502  
Date: Monday, March 09, 2020.

The Director Projects/Infrastructure,  
Sindh Mass Transit Authority,  
Transport & Mass Transit Department,  
Government of Sindh,  
House # 2-, Street No. 09,  
Khayaban-e-Shamsheer, DHA,  
Karachi.  
(Tel: 021 9933 2911)

Project: KARACHI MOBILITY PROJECT,  
LOAN NO. IBRD 8995-PK KARACHI YELLOW LINE BRT PROJECT,  
PROCUREMENT OF CONSULTING SERVICES (FIRM) FOR THE PREPARATION OF  
DETAILED DESIGN PROCUREMENT SUPPORT AND CONSTRUCTION SUPERVISION

Subject: Request for Extension in Time for Submission of Expression Of Interest (EOI)  
Dear Sir:

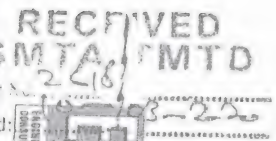
We refer to the Advertisement on above-mentioned Project, which was published in the daily DAWN, Islamabad, dated February 19, 2020, according to which the last date for submission of EOI is March 17, 2020.

We draw your kind attention to on-going international crisis vis-à-vis spreading of the COVID-19, which has acutely constrained functioning of businesses owing to imposed restrictions on movement of people in some of the major European countries that has resulted in non-availability of their staff members. Since participation of international firms having experience on BRT design and construction would greatly enhance ability of the Consultant to ensure quality end-product, it is earnestly requested to kindly consider an extension in time for submission of EOI owing to above-mentioned constrained, which is temporary in nature. Accordingly, we request you to please consider extending the date of submission for another 2-3 weeks, which will enable international consultants to prepare and submit a meaningful and responsive document.

While we keenly look forward to your favorable decision on above, we assure you of our best professional services and cooperation at all times.

Very truly yours,  
for ENGINEERING CONSULTANTS INTERNATIONAL (PVT.) LTD.

(MUHAMMAD IRFAN JAN)  
Deputy General Manager (D&C)  
irfan.jan@ecil.com





MM Pakistan (Pvt.) Ltd.

Dooran Estate, 1<sup>st</sup> Floor, 18-C,  
Union Commercial Area,  
Shahedd-e-Millat Road Karachi  
☎ 021-34320527-28, 34320637  
☎ 021-34524819  
✉ kh@mmpakistan.com  
🌐 <http://www.mmpakistan.com>

Ref. No: EA/MF/MK/BDU/8572  
Dated: 05<sup>th</sup> March, 2020

*20/03/2020*  
*Director*  
**Director Projects / Infrastructure,**  
Sindh Mass Transit Authority  
Transport & Mass Transit Department,  
Government of Sindh,  
House # 20, Street No. 9,  
Khayaban-e-Shamsheer,  
DHA, Karachi.  
Tel: +92-21-99332911

**SUBJECT: EXTENSION OF TIME FOR "EXPRESSION OF INTEREST" SUBMISSION  
PROCUREMENT OF CONSULTING SERVICES (FIRM) FOR THE PREPARATION OF  
DETAILED DESIGN, PROCUREMENT SUPPORT AND CONSTRUCTION  
SUPERVISION SERVICES**

Dear Sir,

This has reference to subject request for EOI.

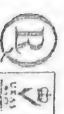
As will be noted, this is a comprehensive assignment encompassing wide range of specialized disciplines, with services pertaining to detailed designing through procurement support and construction supervision. To deliver the same, it is important that an appropriate consortium is formed of qualified and experienced Partners. Furthermore, the travel advisories/restrictions on staff movement is not helping either.

As the above requires time to arrive at best solution, it is requested to kindly grant an extension in submission date to at least till 7<sup>th</sup> April 2020.

Your favourable consideration & response shall be appreciated.

Yours faithfully,  
PP MM Pakistan (Pvt.) Ltd.

*Ejaz Alam*  
Ejaz Alam  
Projects Director



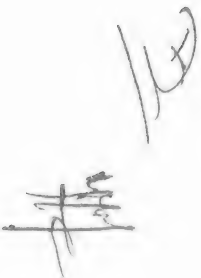
Registered in Pakistan no K-527/9363  
Offices:  
Lahore, Karachi, Islamabad, Peshawar, Hyderabad



# REQUESTS RECEIVED FROM CONSULTANTS TO EXTEND DEADLINE OF EOI

(Current deadline is 17<sup>th</sup> March 2020, to receive Expression of Interest)

S. No	Consultant Name	Request Date (in year 2020)	Extension time requested (weeks)	Reasons mentioned for Request
01	M/s Mott McDonaId	05 March	3	Need time to finalize their JV and also travel restrictions on staff movement.
02	M/s Exponent Engineers	09 March	2 - 3	Need more time to finalize their JV
03	M/s ECIL	10 March	2 - 3	Need to finalize their JV - Crisis due to COVID-19
04	Engineering General Consultants EGC (Pvt.) Ltd.	11 March	Atleast 2	Need to finalize their JV
05	M/s Techno Consult International	11 March	Atleast 6	Need to finalize their JV - Crisis due to COVID-19
06	M/s Zeeruk International (Pvt) Ltd	11 March	2	Shortage of time



7/6/2020

Gmail - Letter for Extension of Time



Muhammad Yousuf Munir <director.infra.smta@gmail.com>

## Letter for Extension of Time

Muhammad Yousuf Munir <director.infra.smta@gmail.com> Fri, Mar 13, 2020 at 4:02 PM  
To: Said Dahdah <sdahdah@worldbank.org>  
Cc: Hasan Atzal Zaidi <hzaidi@worldbank.org>, Haider Raza <hraza@worldbank.org>, Consultant P & C TMTD <planning.smtc@gmail.com>, Rafay Ali Laghari <rafay.laghari.smta@gmail.com>, "Iqtidar Ahmed (managingdirector.smta@gmail.com)" <managingdirector.smta@gmail.com>

Dear Said,



As discussed, please find attached a list of consultants who have requested for extension for EOI submission.

Considering these requests and the worldwide threat of COVID-19, please advise if an extension may be given in submission deadlines till **6th April 2020**. A draft Corrigendum is also attached herewith this email for your review and No Objection.

Upon receiving the No Objection, we will proceed for publishing this Corrigendum in newspapers.

Regards,  
Yousuf Munir  
[Quoted text hidden]

### 2 attachments

-  List of Requests for Extension in EOI.docx  
16K
-  KMP\_EOI\_Corrigendum for Extension.docx  
287K







Sindh  
Mass Transit  
Authority

**CORRIGENDUM**  
REQUEST FOR EXPRESSION  
OF INTEREST



**Procurement of Consulting Services (Firm) for the Preparation of Detailed Design, Procurement Support and Construction Supervision Services**

Name of Country: Islamic Republic of Pakistan  
Name of Project: *Karachi Mobility Project – Yellow BRT*  
Loan No: IBRD 8995-PK  
Reference No: PK-SMTA-122605-CS-QCBS  
Client: Sindh Mass Transit Authority (SMTA), Government of Sindh

Reference to the Advertisement (INF/KRY No. 549/2020) published in the daily Express Tribune, the daily Jang, the daily Dawn (19<sup>th</sup> February 2020) and the Khaleej Times (21<sup>st</sup> February 2020). The Expression of Interest (EOI) submission date is extended until 6<sup>th</sup> April 2020, 5:00 pm Pakistan time. Please submit your EOI not later than the extended date and time.

Further information may be obtained at the address below during office hours [09:00 - 17:00 hours] or through below mentioned email addresses. The consultants are also advised to regularly check the below mentioned website for updates regarding the matter. Expressions of Interest should be submitted in person or by courier (one original and two copies) or through email ( electronic format at the below mentioned email addresses) no later than 5:00 pm on Monday 6<sup>th</sup> April 2020. This is a one-time and final extension of the EOI submission date.

Sindh Mass Transit Authority  
Transport & Mass Transit Department, Government of Sindh  
Director Projects / Infrastructure  
House # 20; Street No. 9; Khayaban-e-Shamshere; DHA, Karachi, Pakistan  
Tel: 92-21-99332911  
E-mail: [kmp.infra.smta@gmail.com](mailto:kmp.infra.smta@gmail.com) and [director.infra.smta@gmail.com](mailto:director.infra.smta@gmail.com)  
Web: <http://www.karachibreeze.pk/SMTA>

3/12/2020

Gmail - Queries on Karachi BRT Yellow Line EOI



Muhammad Yousuf Munir <director.infra.smta@gmail.com>

## Queries on Karachi BRT Yellow Line EOI

ashar.lodi@exponent.com.pk <ashar.lodi@exponent.com.pk> Mon, Mar 9, 2020 at 10:46 AM  
Reply-To: ashar.lodi@exponent.com.pk  
To: Muhammad Yousuf Munir <director.infra.smta@gmail.com>  
Cc: kmp.infra.smta@gmail.com, aamirshf@gmail.com  
<m.aamir@exponent.com.pk>, Alice LEOCADIE-THAUVIN <alice.leocadie-thauvin@sce.fr>, Diogo Barreto <diogo.barreto@logiteng.com>, Wagner Colombini Martins <wagner.colombini@logiteng.com>

Dear Yousuf

Thanks for your email clarification.

I, on behalf of the JV request for extension of submission time of EOI. This is requested since, it will take us time to finalize our JV. It is therefore requested to extend submission date at least by 2 – 3 weeks.

Your consideration shall be highly appreciated.

Best Regards

Ashar H. Lodi

Director

**From:** Muhammad Yousuf Munir <director.infra.smta@gmail.com>  
**Sent:** Monday, March 9, 2020 09:43  
**To:** Ashar H. Lodi <ashar.lodi@exponent.com.pk>  
**Cc:** kmp.infra.smta@gmail.com; aamirshf@gmail.com; Adilson Bravo Mejia May <adilson.bravo@logiteng.com>; Aamir Sharif <m.aamir@exponent.com.pk>; Andre Frieslaar <andre@hho.co.za>; Susan Smit <susan@hho.co.za>; Alice Martins <wagner.colombini@logiteng.com>  
**Subject:** Re: Queries on Karachi BRT Yellow Line EOI

Dear Ashar sahib,

[Quoted text hidden]  
[Quoted text hidden]



7/6/2020

Gmail - No Objection to Expression of Interest submitted by SMTA for Pakistan - P166732 - Karachi Mobility Project - PK-SMTA-1226



Muhammad Yousuf Munir <director.infra.smta@gmail.com>

## No Objection to Expression of Interest submitted by SMTA for Pakistan - P166732 - Karachi Mobility Project - PK-SMTA-122605-CS-QCBS - Activity -1 Title: P

STEP Admin <noreply@worldbankgroup.org>

To: director.infra.smta@gmail.com

Fri, Mar 13, 2020 at 7:57 PM

Cc: director.infra.smta@gmail.com, hraza@worldbank.org, projectengineer.brt.ol@gmail.com, hzaiddi@worldbank.org, sdahdah@worldbank.org

Dear Muhammad Yousuf:

Pakistan-P166732:Karachi Mobility Project. Ln./Cr # IBRD-89950: No-Objection to Expressions of Interest for Activity -1 Title: Procurement of Consulting Services for Detail design, procurement support and construction supervision – Quality And Cost-Based Selection – Reference No. PK-SMTA-122605-CS-QCBS

We have reviewed the draft request for extension of the deadline for submission of the Expressions of Interest for the above-mentioned consulting services from 2020/03/17 until 2020/04/06, submitted to the Bank on 2020/03/13. Based on the information provided, the Bank has no objection to the text of the request.

In accordance with the requirements in the applicable Regulations (Guidelines) please ensure publication of the request for Expression of Interest in the national press, your website and in UNDB Online.

Notices will be automatically published in UNDB Online and the World Bank's external website upon receiving the Bank's No Objection

Best Regards,

Said Dahdah

[STEP System Users - Click here](#)

[Bank Users - Click here](#)

LIST OF FIRMS WHO SUBMITTED EXPRESSION OF INTEREST

Reference No.	Name of consultant	Lead Firm	Country of origin
Eol-1	M/s Botek Bosphorus Technical Consulting Corp. JV M/s Mega Engineering Consulting Inc.	M/s Botek	Turkey
Eol-2	M/s Dar-al-Handasa in JV with M/s NESPAK	M/s Dar	Lebanon
Eol-3	M/s Eser Musavirlik / M/s Techno Consult / M/s Meg Yatirim	M/s Eser	Turkey
Eol-4	M/s ITALconsult	M/s ITALconsult	Italy
Eol-5	M/s Kaiser Engineering & Consulting / M/s Apco Teknic / M/s SMEC / M/s Zeeruk International (Pakistan) / M/s Loya Associates / M/s Engineering General Consultants (Pakistan)	M/s Kaiser	Turkey
Eol-6	M/s Khatib & Alami / M/s Osmani & Company / M/s Nama Consulting Engineers & Planners / M/s Prof. Dr S.N. Pollalis Inc / M/s Halcrow Pakistan	M/s Khatib & Alami	Lebanon
Eol-7	M/s Kunhwa Engineering & Consulting / M/s Dong Il Engineering Consultants	M/s Kunhwa	South Korea
Eol-8	M/s Minconsult Sdn. Bhd / M/s EA Consulting / M/s Creative Engineering Consultants	M/s Minconsult	Malaysia
Eol-9	M/s Renardet / M/s PEAS / M/s ESS-I-AAR / M/s ECSP	M/s Renardet	Switzerland
Eol-10	M/s SCE / M/s Hill International / M/s Logit / M/s HHO / M/s Exponent	M/s SCE	France
Eol-11	M/s Tebodin	M/s Tebodin	Netherland
Eol-12	M/s Tümas Turkish Engineering Consulting & Contracting / M/s Emay International Engineering & Consultancy / M/s Rehman Habib Consultants	M/s Tumas	Turkey
Eol-13	M/s TYP SA / M/s Mott McDonald Pakistan	M/s TYP SA	Spain

*[Handwritten signature]*

# ATTENDANCE SHEET

(Consultant Selection Committee)







Subject:


PROCUREMENT OF CONSULTING SERVICES (FIRM) FOR THE PREPARATION OF DETAILED DESIGN, PROCUREMENT SUPPORT AND CONSTRUCTION SUPERVISION SERVICES.


(KARACHI MOBILITY PROJECT-YELLOW BRT)

Dated: 25<sup>th</sup> June 2020

Time: 12:00 PM

S.NO	NAME	DESIGNATION	DEPARTMENT	CONTACT NO.	SIGNATURE
1	ZOTIDAR AHMED	M.D SMTA	SMTA	0333-2276110	
2	Sikandar Ali	Chief (Transport)	Public Works Dept	0306 2793732	
3	ASHRAF KILI LAKHTO	Chief Consultant	TM/D SMTA	03362547561	
4	RAFIQ ALI LAKHTO	Director (Finance & Accounts)	SMTA/TMD	0321544412	
5	Musaa Bealvi	PD Yellow BRT	T&MTD	0800-220025	
6	Muhammad YOUSUF NAWAZ	Director Projects	SMTA	03218773974	

7 Muz Ali Director ITS SMTA 0345-3172595 

8 M. Dawood Director T&MTD 0302497524 





SINDH MASS TRANSIT AUTHORITY  
GOVERNMENT OF SINDH

Subject:

**Minutes of 3<sup>rd</sup> Consultant Selection Committee Meeting on Karachi  
Mobility Project (Yellow BRTS)**

1. The third meeting of the Consultant Selection Committee (the Committee) was held on 06<sup>th</sup> July 2020. The chair of the CSC welcomed the members and the meeting started with a discussion on the evaluation of expression of interest (EOIs) received. The committee members discussed the EOIs in light of the criteria given in the advertisement.
2. It was apprised to the Committee that EOIs of the different bidders comprise documents/ information which is not clear and precisely matching the requirement of the evaluation criteria. *Examples* of such documents/information include:
  - completion certificates provided in a language other than English which is not understandable.
  - completion certificates provided by bidders do not specifically mention the scope of work/services of the consultant, project cost, details of client performed for the client.
  - audited financial reports from any of the last five years (if not provided).
3. It was deliberated by the Committee that clarifications may be sought by the SMTA for such unclear documents/information to enable the Committee for informed decision with regards to shortlisting of the bidders [Annexure A]. Names of the firms from which clarifications are to be sought:
  - i. M/s Typsa JV M/s Mott McDonald Pakistan
  - ii. M/s Khatib & Alami JV M/s Osmari & Company (Pakistan) JV M/s Nama Consulting Engineers & Planners JV M/s Prof. Dr S.N. Pollalis Inc JV M/s Halcrow (Pakistan)
  - iii. M/s SCE JV M/s Hill International JV M/s Logit JV M/s HHO JV M/s Exponent (Pakistan)
  - iv. M/s Dar-al-Handasa in JV with M/s NESPAK (Pakistan)
  - v. M/s Tünas Turkish Engineering Consulting & Contracting JV M/s Emay International Engineering & Consultancy JV M/s Rehman Habib Consultants (Pakistan)

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**Decision:**


It was decided by the Committee that the SMTA may seek clarifications in writing from the bidders as mentioned in para 3 above to enable the Committee informed decision with regards to shortlisting of the bidders. Subsequent to the reply from bidders against the queries / clarifications of the SMTA, the same may be incorporated in the evaluation of the EOs to finalize the shortlisting of bidders.


  
Director Finance & Accounts  
Sindh Mass Transit Authority  
Government of Sindh.


  
Director Projects/Infrastructure  
Sindh Mass Transit Authority  
Government of Sindh

  
Director ITS  
Sindh Mass Transit Authority  
Government of Sindh

  
Director of Finance  
PPP Unit, Finance Department  
Government of Sindh

  
Chief Transport,  
Planning & Development  
Department, Government of Sindh.

  
Chief Consultant,  
Transport and Mass Transit Department  
Government of Sindh.

  
MANAGING DIRECTOR  
Sindh Mass Transit Authority  
Government of Sindh



# ANNEXURE A

M/s Typsa JV M/s Mott MacDonald Pakistan	
GENERAL TECHNICAL EXPERIENCE	CLARIFICATION / QUERY
Project:  "Riyadh Metro Project (Package 3 – Lines 4.5 and 6)" --- [Page No: 159]	Please provide a copy of contract agreement of this project. The certificate provided at Page 161 is signed without the mentioning of officer name designation and other relevant details.
SPECIFIC TECHNICAL EXPERIENCE	CLARIFICATION / QUERY
Project:  "New Transport System of Astana BRT – Phase 1" --- [Page 207]	Please provide Certificate of completion / Copy of Contract Agreement stating the project cost, scope of services provided by M/s TYPSA and duration of services.
Project:  "Transport Planning study and Detailed design of Abu Dhabi Urban transport network" --- [Page 222]	Please provide Certificate of completion / Copy of Contract Agreement stating the project cost, scope of services provided by M/s TYPSA and duration of services.
FINANCIAL STRENGTH Clarification / Query	
TÉCNICA Y PROYECTOS S.A being a Lead partner has not submitted the Audited Financial Reports for the financial year 2019. Please provide the required document as being mandatory requirement in the EOI.	

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M/s Khatib & Alami JV  
M/s Osmani & Company (Pakistan) JV  
M/s Nama Consulting Engineers & Planners JV  
M/s Prof. Dr S.N. Pollalis Inc JV  
M/s Halcrow (Pakistan)

Information required:

Please provide documentary evidence that the firms in JV have never been blacklisted as required in the EOI.

GENERAL TECHNICAL EXPERIENCE	CLARIFICATION / QUERY
<p>Project: "Sulimaniyah Roads – Sulimaniyah, Kurdish Region, Iraq" --- [Page 456]</p>	<p>Please provide Certificate of completion / Copy of Contract Agreement (in English language – official translation required) stating the project cost, scope of services provided by M/s Khatib &amp; Alami and duration of services.</p>
<p>Project: "Hail / Tabuk Road, KSA" --- [Page 459]</p>	<p>Please provide Certificate of completion / Copy of Contract Agreement (in English language – official translation required) stating the project cost, scope of services provided by M/s Khatib &amp; Alami and duration of services.</p>
SPECIFIC TECHNICAL EXPERIENCE	CLARIFICATION / QUERY
<p>Project: "Riyadh Metro Project – Package 01" --- [Page 477]</p>	<p>Please provide Certificate of completion / Copy of Contract Agreement (in English language – official translation required) stating the project cost, scope of services provided by M/s Khatib &amp; Alami as a sub-consultant and duration of services.</p>
<p>Project: "Light Rail Transit Project, Egypt" --- [Page 478]</p>	<p>Please provide Certificate of completion / Copy of Contract Agreement (in English language – official translation required) stating the project cost, scope of services provided by M/s Khatib &amp; Alami and duration of services.</p>
<p>Project: "City Rail Transit and New Capital Rail Transit Monorails, Cairo, Egypt" --- [Page 479]</p>	<p>Please provide Certificate of completion / Copy of Contract Agreement (in English language – official translation required) stating the project cost, scope of services provided by M/s Khatib &amp; Alami and duration of services.</p>


"Metro Line 6 El-Khosos to El-Maady, Egypt" - -- [Page 480]	Please provide Certificate of completion / Copy of Contract Agreement (in English language - official translation required) stating the project cost, scope of services provided by M/s Khatib & Alami and duration of services.
Project:  "Al Madinah Metro, Madinah, KSA" --- [Page 490]	Please provide information that the certificate provided at Page 490 is stamped by whom and which government office (since it's in Arabic language and not on official letterhead).
Project:  "Athens Metro Project, Greece" --- [Page 518]	Please provide Certificate of completion / Copy of Contract Agreement (in English language - official translation required) stating the project cost, scope of services provided by M/s NAMA and duration of services.
<p style="text-align: center;"><b>FINANCIAL STRENGTH</b> Clarification / Query</p> <p>Please provide Certified Audited Reports of last 5 years for M/s Spiro Pollalis Inc. as per requirement of the EOI.</p>	

<p style="text-align: center;"><b>M/s SCE JV M/s Hill International JV M/s Logit JV M/s IHO JV M/s Exponent (Pakistan)</b></p> <p>Correction required:</p> <p>Please refer to Page 08 and Page 09 of the EOI. The letter of declaration of association from M/s Logit and M/s IHO is not referred to the SMT A as required. Please make necessary corrections and provide afresh.</p>	
<p style="text-align: center;"><b>FINANCIAL STRENGTH</b> Clarification / Query</p> <p>Please provide Audited Reports of last five years for Hill International N.V and Logit Consulting Inc. Certified from an Audit Firm or Certified affiliated independent Auditor.</p>	


**M/s Dar-al-Handasa in JV with M/s NESPAK (Pakistan)**

Information required:

Please provide a documentary evidence of non-blacklisting as required in the EOI, for M/s Dar-al-Handasa.

SPECIFIC TECHNICAL EXPERIENCE	CLARIFICATION / QUERY
Project: "Construction Supervision of Lahore Metro Bus System (Ferozepur Road Corridor) from Gujju Matta to Shahdara" --- [Page 406]	The proforma is stamped and signed by the Client official. But the proforma says Construction Supervision, however in the list of projects at Page 404. Detailed Design and Construction Supervision both are mentioned. Please confirm the scope of services.

**FINANCIAL STRENGTH**  
Clarification / Query

Please provide Certified Audit Reports for the year 2019 for M/s Dar-Al-Handasah and Nespak Pvt Ltd. for the year 2018.

**M/s Tümas Turkish Engineering Consulting & Contracting JV**  
**M/s Emay International Engineering & Consultancy JV**  
**M/s Rehman Habib Consultants (Pakistan)**

Information required:

Please provide a documentary evidence that the firms in JV have never been blacklisted as required in the EOI.






GENERAL TECHNICAL EXPERIENCE	CLARIFICATION / QUERY
Project: "Construction Supervision, Engineering and Consultancy Services for Continuing Road Construction and Reconstruction Works within the Central and Regional Boundaries of 10th Regional Directorate of Highways" --- [Page 308]	Please confirm the cost of the project through documentary evidence.
SPECIFIC TECHNICAL EXPERIENCE	CLARIFICATION / QUERY
Project: "Atakoy - Ikitelli Metro, Istanbul" --- [Page 45]	Please provide copy of contract agreement stating the client's details, scope of services provided by M/s EMAY and cost of the project.
Project:	

*M/s Tümas*  
  
  
  




"Metrobus (BRT) System, Istanbul" --- [Page 45]	
Please provide completion certificate / copy of contract agreement stating the client's details, scope of services provided by M/s EMAY and cost of the project.	
Project: "Kabaatag-Mahmutbey metro line, Istanbul" --- [Page 41]	Please provide copy of contract agreement stating the client's details, scope of services provided by M/s EMAY and cost of the project.
FINANCIAL STRENGTH CLARIFICATION / QUERY	
Please provide Certified Audit Reports for the last five years of M/s Emay International Engineering & Consultancy.	
Please provide profile and credentials of the Audit Firm who prepared the Certified Audit Reports for the year 2015 & 2016 for Rehman Habib Consultants.	

Note: The page numbers mentioned above are that of as of the pdf soft copy of the EOI documents submitted soft copy from the bidders.

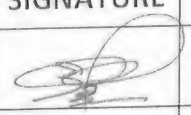
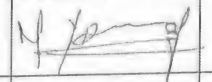

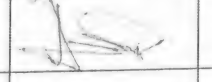
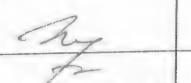
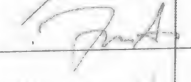
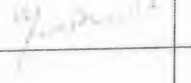
  
  
  
  


**MINUTES OF 2ND CONSULTANT SELECTION COMMITTEE (CSC)  
FOR KARACHI MOBILITY PROJECT (YELLOW LINE BRT)**

Date: 06-07-2020

**SELECTION COMMITTEE MEMBERS ONLY**

Time: 1:00 PM

S.NO	NAME	DESIGNATION	CONTACT NO.	EMAIL	SIGNATURE	REMARKS
1	IQTIDAR AHMED	M. D. SMITA	0333-2276116			
02.	Muhammed Young Munir	DIRECTOR PROJECTS	0321-8773979			
03	RAFIY ALI LAGHARI	Director (Finance & Accounts)	0321-5444478			
04	ASARAF ALI LAKHANO	Chief Consultant	03362517561			
05	ST/Caridos ACI	Chief (Transport)	0306-279373			
06	NIAZ ALI	Dir: ITS	0345-3572845			
07	M. Naveed	Spec. En. PPLG	0304-111544			



**SINDH MASS TRANSIT AUTHORITY  
GOVERNMENT OF SINDH**

Dated: 24<sup>th</sup> August 2020

**MINUTES OF 4<sup>TH</sup> CONSULTANT SELECTION COMMITTEE MEETING ON  
KARACHI MOBILITY PROJECT (YELLOW BRTS)**

The fourth meeting of the Consultant Selection Committee [the Committee] was held on 21<sup>st</sup> August 2020. The chair of the CSC welcomed the members and the meeting started with a discussion on overall process of the invitation of EOIs and their evaluation. The approved minutes of third Committee meeting were discussed in the light of evaluation. The Committee was apprised that, as per the decision in the third Committee meeting, clarifications from five (05) consultant firms were sought on 15<sup>th</sup> July 2020, through email [Annexure A] and were given a timeline till 23<sup>rd</sup> July 2020 to furnish their response. All five (05) consultant firms submitted their response, through email by the deadline [Annexure B]. For ready reference, following are the five (05) consultant firms who were asked to submit their response to clarifications:

- i. M/s Typsa JV M/s Mott McDonald Pakistan
- ii. M/s Khatib & Alami JV M/s Osmati & Company (Pakistan) JV M/s Nama Consulting Engineers & Planners JV M/s Prof. Dr S.N. Pollalis Inc JV M/s Halcrow (Pakistan)
- iii. M/s SCE JV M/s Hill International JV M/s Logit JV M/s HHO JV M/s Exponent (Pakistan)
- iv. M/s Dar-al-Handasa in JV with M/s NESPAK (Pakistan)
- v. M/s Tümas Turkish Engineering Consulting & Contracting JV M/s Emay International Engineering & Consultancy JV M/s Rehman Habib Consultants (Pakistan)

The Committee members discussed the responses obtained from the above-mentioned consultant firms and concluded that the response from the following four (04) consultant firms satisfies the evaluation criteria and hence may be shortlisted:

Consultant Firm	Remarks
01 M/s Typsa JV M/s Mott McDonald Pakistan	The consultant firm has provided satisfactory experience of providing the services as required in the EOI criteria, in general and specific projects of required value. The experience covers urban mass transit systems including BRT (experience of two BRT projects in Pakistan) and MRT projects. The staff experience and capacity demonstrated is satisfactory and sufficient to deliver the project.

Handwritten signatures and initials are present at the bottom of the page, including a large signature on the left and several smaller ones on the right.



02	M/s <b>Khairib &amp; Alami</b> JV M/s Osmani & Company (Pakistan) JV M/s Nama Consulting Engineers & Planners JV M/s Prof. Dr S.N. Pollalis Inc JV M/s Halcrow (Pakistan)	The consultant firm has provided satisfactory experience of providing the services as required in the EOI criteria, in general and specific projects of required value. The experience covers urban mass transit systems including BRT (one project delivered in Pakistan) and MRT projects. The experience and capacity demonstrated is sufficient to deliver the project.
03	M/s <b>SCE</b> JV M/s Hill International JV M/s Logit JV M/s HHO JV M/s Exponent (Pakistan)	The consultant firm has provided satisfactory experience of providing the services as required in the EOI criteria, in general and specific projects of required value. The experience covers urban mass transit systems including BRT and MRT besides extensive experience in infrastructure projects. The experience and capacity demonstrated, is sufficient to deliver the assignment.
04	M/s <b>Dar-al-Handasa</b> in JV with M/s NESPAK (Pakistan)	The consultant firm has provided satisfactory experience of providing the services as required in the EOI criteria, in general and specific projects of required value. The experience covers urban mass transit systems, as well as direct experience in BRT developments in Pakistan. Experienced pool of staff (design, tender documents, supervision, contract management) demonstrated is sufficient to deliver the assignment.

The committee further discussed and agreed that, in light of the criteria, the following EOIs received do not qualify and hence will be declared *dis-qualified*.

Consultant Firm	Remarks
01 M/s <b>Tümas Turkish Engineering Consulting &amp; Contracting</b> JV M/s Emay International Engineering & Consultancy JV M/s Rehman Habib Consultants (Pakistan)	The consultant firm submitted their response to the clarifications sought wherein it was mentioned that the required documentary evidence of the projects, of specific experience, may not be provided since these projects are only included in the brief company presentation of M/s EMAY and not in the section of specific experience. Accordingly, the consultant firm's specific experience does not fulfill the requirement as per the REOI criteria.
02 M/s <b>Botek Bosphorus Technical Consulting Corp.</b> JV M/s Mega Engineering Consulting Inc.	The consultant firm has provided satisfactory experience in general infrastructure projects of required value, covering design and construction supervision services, however they do not possess sufficient specific experience of projects (only one project qualifies) as per the REOI criteria.





  
 M/s 2

03	M/s Eser Musavirtlik JV M/s Teehno Consult JV M/s Meg Yaurim	The consultant firm has provided satisfactory experience in general infrastructure projects of required value, covering design and construction supervision services, however they do not possess sufficient specific experience of projects (only two project qualifies) as per the REOI criteria.  The committee agreed that the inter-city rail projects will not be considered as specific experience similar to the nature and complexity of the Project. In this case two projects provided as specific experience pertains to the inter-city railway and hence have not been considered in compliance with the REOI criteria.
04	M/s ITALConsult	The consultant firm's specific experience does not fulfill the REOI criteria (only one project qualifies) although their experience in general projects is worth-mentioning and satisfies the criteria as well.
05	M/s Kunhwa Engineering & Consulting JV M/s Dong II Engineering Consultants JV M/s EuroConsult	The consultant firm's specific experience does not fulfill the REOI criteria although the projects mentioned in general experience are satisfactory and fulfill the EOI criteria.  The committee agreed that the projects not meeting the criteria of minimum cost, as mentioned in the REOI, will not be considered qualified.
06	M/s Minconsult Sdn. Bhd JV M/s EA Consulting JV M/s Creative Engineering Consultants	The consultant firm's specific experience does not fulfill the REOI criteria (of both minimum cost and number of projects). The required information on general projects experience, is consistently missing from their EOI.
07	M/s Renardet SA JV M/s PEAS Consulting JV M/s ESS-I-AAR JV M/s ECSP	The consultant firm's specific experience does not fulfill the REOI criteria (only one project qualifies). The projects mentioned in general experience fulfills the criteria satisfactorily from only one partner while most of the presented reference projects are within roads sector and the local partners demonstrate the projects not satisfying the cost criteria of the REOI.
08	M/s Tebodin	The consultant firm's specific experience does not fulfill the requirement as per the REOI criteria. No project experience has been provided under specific experience.

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09	M/s Kaiser Engineering & Consulting JV M/s Apco Teknik JV M/s SMEC JV M/s Zeeruk International (Pakistan) JV M/s Loya Associates JV M/s Engineering General Consultants (Pakistan)	<p>The consultant firm has provided project experiences in general and specific categories though the cost of the projects is missing in some cases and two specific projects do not fulfill the cost criteria as mentioned in the REOI. The consultant firm do not fulfill the REOI criteria and the lead firm has a negative net-worth in the year 2016.</p> <p>The committee agreed that the consultant firm, specifically those whose projects are being considered, must meet the positive net-worth criteria as mentioned in the REOI.</p>
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The committee agreed that the results of the pre-qualification process will be sent to the World Bank for their prior review and no-objection. Upon receiving no-objection from the World Bank, the SMTA will inform, in writing, this result to all the consultants who participated in the process. The Request for Proposal, however, will be provided to only shortlisted consultants after the approval from the World Bank.

The meeting was adjourned with a token of thanks from the Chair to the committee members.

Director Finance  
PPP Unit, Finance Department,  
Government of Sindh

Chief Transport  
Planning & Development Department,  
Government of Sindh

Project Director, Project Management Team  
Karachi Mobility Project (Yellow BRT)

Chief Consultant  
Transport & Mass Transit Department  
Government of Sindh

Director Infrastructure / Projects,  
Sindh Mass Transit Authority  
Government of Sindh

Director Finance & Accounts  
Sindh Mass Transit Authority  
Government of Sindh

Director (ITS)  
Sindh Mass Transit Authority  
Government of Sindh

Deputy Director (Contracts & Procurement)  
Sindh Mass Transit Authority  
Government of Sindh

Managing Director  
Sindh Mass Transit Authority  
Government of Sindh



3/24/2020

Gmail - Electronic Submission of EOI: Karachi Mobility Project – Yellow BRT (Loan no. IBRD 8995-PK, Project ID: P166732)

M Gmail

SMTA INFRA <kmp.infra.smta@gmail.com>

**Electronic Submission of EOI: Karachi Mobility Project – Yellow BRT (Loan no. IBRD 8995-PK, Project ID: P166732)**

SMTA INFRA <kmp.infra.smta@gmail.com>  
To: Rehan Zamin <rehanzamin@gmail.com>  
Cc: Ali Abbany <Ali.Abbany@dar.com>, Madhira BenSlama <Madhira.BenSlama@dar.com>, Ali Javaid <Ali\_Jash2000@hotmail.com>, Mubashra Zafar <mubashrazafar@outlook.com>, managingdirector.smta@gmail.com, pd.kmp.ylc@gmail.com, Rafay Ali Laghari <rafay.laghari.smta@gmail.com>, Chief.consultant.trntd@gmail.com, Consultant P & C TMTD <planning.smtc@gmail.com>, danish.pppgos@gmail.com, sikande.shaiKh@yahoo.com, Muhammad Yousuf Munir <director.infra.smta@gmail.com>

Wed, Jul 15, 2020 at 6:17 PM

Dear Mr. Rehan Zamin,  
Subsequent to the submission of the EOI document, please provide the response to the following latest by 23rd July 2020, for our further necessary action.  
Please note that the page numbers referred below refer to the page numbers of the pdf soft copy of the EOI document submitted.

Thanks &  
Regards

M/s Dar-al-Handasa in JV with M/s NESPAK (Pakistan)	
Information required:	
Please provide a documentary evidence of non-blacklisting as required in the EOI, for M/s Dar-al-Handasa.	
SPECIFIC TECHNICAL EXPERIENCE	CLARIFICATION / QUERY
Project: “Construction Supervision of Lahore Metro Bus System (Ferozepur Road Corridor) from Gujju Mata to Shahdara” --- [Page 406]	The proforma is stamped and signed by the Client official. But the proforma says Construction Supervision, however in the list of projects at Page 404, Detailed Design and Construction Supervision both are mentioned. Please confirm the scope of services.
FINANCIAL STRENGTH	
Clarification / Query	
Please provide Certified Audit Reports for the year 2019 for M/s Dar-Al-Handasah and Nespak Pvt Ltd. for the year 2018.	

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8/24/2020

Gmail - Submission of EOI for Karachi Mobility Project - Yellow Line

M Gmail

SMTA INFRA <kmp.infra.smta@gmail.com>

## Submission of EOI for Karachi Mobility Project - Yellow Line

SMTA INFRA <kmp.infra.smta@gmail.com>

Wed, Jul 15, 2020 at 8:04 PM

To: Rafey Ahmed Siddiqui <rafeyahmed@gmail.com>, Rafey Ahmed Siddiqui <rafey.ahmed@osmani.com>  
Cc: managingdirector.smta@gmail.com, pd.kmp.ylc@gmail.com, Chief.consultant.tmid@gmail.com, Rafey Ali Laghari <rafay.laghari.smta@gmail.com>, danish.pppgos@gmail.com, sikande.shahkh@yahoo.com, Muhammad Yousuf Munir <director.infra.smta@gmail.com>, Consultant P & C TMTD <planning.smtc@gmail.com>

Dear Mr Rafey,

Subsequent to the submission of the EOI document, please provide the response to the following latest by 23rd July 2020, for our further necessary action.  
Please note that the page numbers referred below refer to the page numbers of the **pdf** soft copy of the EOI document submitted.

Thanks &  
Regards

M/s Khaib & Alami JV  
M/s Osmani & Company (Pakistan) JV  
M/s Nama Consulting Engineers & Planners JV  
M/s Prof. Dr S.N. Pollalis Inc JV  
M/s Halcrow (Pakistan)

### Information required:

Please provide documentary evidence that the firms in JV have never been blacklisted as required in the EOI.

### GENERAL TECHNICAL EXPERIENCE

### CLARIFICATION / QUERY

#### Project:

"Sulimaniyah Roads - Sulaimaniyah, Kurdish Region, Iraq" --- [Page 456]

Please provide Certificate of completion / Copy of Contract Agreement (in English language - official translation required) stating the project cost, scope of services provided by M/s Khaib & Alami and duration of services.

#### Project:

"Hail / Tabuk Road, KSA" --- [Page 459]

Please provide Certificate of completion / Copy of Contract Agreement (in English language - official translation required) stating the project cost, scope of services provided by M/s Khaib & Alami and duration of services.

### SPECIFIC TECHNICAL EXPERIENCE

### CLARIFICATION / QUERY

#### Project:

"Riyadh Metro Project - Package 01" --- [Page 477]

Please provide Certificate of completion / Copy of Contract Agreement (in English language - official translation required) stating the project cost, scope of services provided by M/s Khaib & Alami as a sub-consultant and duration of services.

#### Project:

"Light Rail Transit Project, Egypt" --- [Page 478]

Please provide Certificate of completion / Copy of Contract Agreement (in English language - official

	translation required) stating the project cost, scope of services provided by <u>M/s Khatib &amp; Alami</u> and duration of services.
Project: "City Rail Transit and New Capital Rail Transit Monorails, Cairo, Egypt" --- [Page 479] - -	Please provide Certificate of completion / Copy of Contract Agreement (in English language – official translation required) stating the project cost, scope of services provided by <u>M/s Khatib &amp; Alami</u> and duration of services.
Project: "Metro Line 6 El-Khosos to El-Maady, Egypt" --- [Page 480]	Please provide Certificate of completion / Copy of Contract Agreement (in English language – official translation required) stating the project cost, scope of services provided by <u>M/s Khatib &amp; Alami</u> and duration of services.
Project: "Al Madinah Metro, Madinah, KSA" --- [Page 490]	Please provide information that the certificate provided at Page 490 is stamped by whom and which government office (since it's in Arabic language and not on official letterhead).
Project: "Athens Metro Project, Greece" --- [Page 518] - -	Please provide Certificate of completion / Copy of Contract Agreement (in English language – official translation required) stating the project cost, scope of services provided by <u>M/s NAMA</u> and duration of services.
FINANCIAL STRENGTH Clarification / Query	
Please provide Certified Audited Reports of last 5 years for M/s Spiro Pollalis Inc. as per requirement of the EOI.	

[Quoted text hidden]



8/24/2020

Gmail - PK-SMTA-122605-CS-QCBS - Eol for Yellow BRT Line

M Gmail

SMTA INFRA <kmp.infra.smta@gmail.com>

PK-SMTA-122605-CS-QCBS - Eol for Yellow BRT Line

SMTA INFRA <kmp.infra.smta@gmail.com>

Wed, Jul 15, 2020 at 5:44 PM

To: "LEOCADIE-THAUVIN Alice (SCE)" <alice.leocadie-thauvin@sce.fr>  
Cc: "Ashar H. Lodi" <ashar.lodi@exponent.com.pk>, "Aamir Sharif [Gmail]" <aamirshf@gmail.com>, Aamir Sharif <m.aamir@exponent.com.pk>, managingdirector.smta@gmail.com, Muhammad Yousuf Munir <director.infra.smta@gmail.com>, Chief.consultant.tmd@gmail.com, danish.pppgos@gmail.com, sikande.shaikh@yahoo.com, Rafay Ali Laghari <rafay.laghari.smta@gmail.com>, Consultant P & C TMTD <planning.smtc@gmail.com>, pd.kmp.yic@gmail.com

Dear Alice Thauvin,

Subsequent to the submission of the EOI document, please provide the response to the following latest by 23rd July 2020, for our further necessary action.  
Please note that the page numbers referred below refer to the page numbers of the pdf soft copy of the EOI document submitted.

<b><u>M/s SCE JV M/s Hill International JV M/s Logit JV M/s HHO JV M/s Exponent (Pakistan)</u></b>
<b><u>Correction required:</u></b>
Please refer to Page 08 and Page 09 of the EOI. The letter of declaration of association from M/s Logit and M/s HHO is not referred to the SMTA as required. Please make necessary corrections and provide afresh.
<b>FINANCIAL STRENGTH Clarification / Query.</b>
Please provide Audited Reports of last five years for Hill International N V and Logit Consulting Inc. Certified from an Audit Firm or Certified affiliated independent Auditor.

Thanks &  
Regards  
[Quoted text hidden]

8/24/2020

Gmail - Karachi Mobility Project - Expression of Interest

M Gmail

SMTA INFRA <kmp.infra.smta@gmail.com>

## Karachi Mobility Project - Expression of Interest

SMTA INFRA <kmp.infra.smta@gmail.com>  
To: "Rehman (Pvt) Ltd" <rhocqta@yahoo.com>  
Cc: mural.hosgor@tumas.com.tr, rhocho@rehmanhabib.com, Abubakar Mujahid <abubakar@rehmanhabib.com>, managingdirector.smta@gmail.com, pd.kmp.ylc@gmail.com, Chief.consultant.limited@gmail.com, sikande.shaikh@yahoo.com, danish.pppgos@gmail.com, Rafay Ali Laghari <rafay.laghari.smta@gmail.com>, Consultant P & C TMTD <planning.smtc@gmail.com>, Muhammad Yousuf Munir <director.infra.smta@gmail.com>

Wed, Jul 15, 2020 at 5:57 PM

Dear Zeeshan Elahi sahib,

Subsequent to the submission of the EOI document, please provide the response to the following latest by 23rd July 2020, for our further necessary action.  
Please note that the page numbers referred below refer to the page numbers of the pdf soft copy of the EOI document submitted.

Thanks &  
Regards

**M/s Tümas Turkish Engineering Consulting & Contracting JV**  
**M/s Emay International Engineering & Consultancy JV**  
**M/s Rehman Habib Consultants (Pakistan)**

Information required:

Please provide a documentary evidence that the firms in JV have never been blacklisted as required in the EOI.

### GENERAL TECHNICAL EXPERIENCE

Project:

"Construction Supervision, Engineering and Consultancy Services for Continuing Road Construction and Reconstruction Works within the Central and Regional Boundaries of 10th Regional Directorate of Highways" --- [Page 308]

### CLARIFICATION / QUERY

Please confirm the cost of the project through documentary evidence.

### SPECIFIC TECHNICAL EXPERIENCE

Project:

"Atakoy - Kiteilli Metro, Istanbul" --- [Page 45]

Please provide copy of contract agreement stating the client's details, scope of services provided by M/s EMAY and cost of the project.

Project:

"Metrobus (BRT) System, Istanbul" --- [Page 45]

Please provide completion certificate / copy of contract agreement stating the client's details, scope of services provided by M/s EMAY and cost of the project.

Project:

<https://mail.google.com/mail/u/3/?ik=47ec4f8ef1&view=pt&search=all&permmsgid=msg-a%3A-5395093358693657207&siml=msg-a%3A-5395>

8/24/2020

Gmail - Karachi Mobility Project - Expression of Interest

"Kabatay-Mahmudbey metro line, Istanbul" ---  
[Page 4]]

Please provide copy of contract agreement stating the client's details, scope of services provided by M/s EMAY and cost of the project.

FINANCIAL STRENGTH  
CLARIFICATION / QUERY

Please provide Certified Audit Reports for the last five years of M/s Emay International Engineering & Consultancy.

Please provide profile and credentials of the Audit Firm who prepared the Certified Audit Reports for the year 2015 & 2016 for Rehman Habib Consultants.



8/24/2020

Gmail - Submittal EOI for Yellow Line BRT by TYPsA/MMP/ASCE

M Gmail

SMTA INFRA <kmp.infra.smta@gmail.com>

## Submittal EOI for Yellow Line BRT by TYPsA/MMP/ASCE

SMTA INFRA <kmp.infra.smta@gmail.com>  
To: ADAME DE HEU PATRICIO <padame@typsa.es>

Wed, Jul 15, 2020 at 5:37 PM

Cc: Ejaz Alam <ejaz.alam@mmmpakistan.com>, managingdirector.smta@gmail.com, Muhammad Yousuf Munir <director.infra.smta@gmail.com>, Rafay Ali Laghari <rafay.laghari.smta@gmail.com>, Consultant P & C TMTD <planning.smtc@gmail.com>, Chief,consultant.trnd@gmail.com, danish.pppgos@gmail.com, sikande.shaihn@yahoo.com, pd.kmp.ylc@gmail.com

Dear Mr. Patricio M. Adame de Heu,

Subsequent to the submission of the EOI document, please provide the response to the following latest by 23rd July 2020, for our further necessary action.  
Please note that the page numbers referred below refer to the page numbers of the pdf soft copy of the EOI document submitted.

Thanks &  
Regards

M/s Typsa JV M/s Mott McDonald Pakistan	
GENERAL TECHNICAL EXPERIENCE	CLARIFICATION / QUERY
Project:  "Riyadh Metro Project (Package 3 – Lines 4,5 and 6)" --- [Page No: 159]	Please provide a copy of contract agreement of this project. The certificate provided at Page 161 is signed without the mentioning of officer name / designation and other relevant details.
SPECIFIC TECHNICAL EXPERIENCE	CLARIFICATION / QUERY
Project:  "New Transport System of Astana BRT – Phase 1" -- [Page 207]	Please provide Certificate of completion / Copy of Contract Agreement stating the project cost, scope of services provided by M/s TYPsA and duration of services.
Project:  "Transport Planning study and Detailed design of Abu Dhabi Urban transport network" --- [Page 222]	Please provide Certificate of completion / Copy of Contract Agreement stating the project cost, scope of services provided by M/s TYPsA and duration of services.
FINANCIAL STRENGTH Clarification / Query	
TÉCNICA Y PROYECTOS S.A being a Lead partner has not submitted the Audited Financial Reports for the financial year 2019. Please provide the required document as being a mandatory requirement in the EOI.	



3/24/2020

Gmail - Clarification Response of TUMAS-EMAY-RHC

M Gmail

SMTA INFRA <kmp.infra.smta@gmail.com>

## Clarification Response of TUMAS-EMAY-RHC

SMTA INFRA <kmp.infra.smta@gmail.com> Fri, Aug 21, 2020 at 2:11 PM  
To: pd.kmp.yle@gmail.com, Consultant P & C TMTD <planning.smtc@gmail.com>, Rafay Ali Laghari  
<rafay.laghari.smta@gmail.com>, Chief consultant.tmtid@gmail.com, sikande.shaiqh@yahoo.com,  
danish.pppgos@gmail.com, Muhammad Yousef Munir <director.infra.smta@gmail.com>  
Cc: managingdirector.smta@gmail.com

Dear All,

Following email is the clarification obtained by the consortium of M/s EMAY JV M/s Tumas, received by the deadline given to them but they did not copy all of the Committee members and sent through a new email. For record and review purpose, please.

Regards

[Quoted text hidden]

 Clarification\_1.pdf  
11805K



8/24/2020

Gmail - Electronic Submission of EOI Karachi Mobility Project – Yellow BRT (Loan no. IBRD 8995-PK, Project ID. P166732)

M Gmail

SMTA INFRA <kmp.infra.smta@gmail.com>

## Electronic Submission of EOI: Karachi Mobility Project – Yellow BRT (Loan no. IBRD 8995-PK, Project ID: P166732)

Rehan Zamin <rehanzamin@gmail.com>

To: SMTA INFRA <kmp.infra.smta@gmail.com>

Wed, Jul 22, 2020 at 1:59 PM

Cc: Ali Abbany <Ali.Abbany@dar.com>, Madina BenSlama <Madina.BenSlama@dar.com>, Ali javaid

<Ali\_Lash2000@hotmail.com>, Mubashira Zatar <mubashrazafar@outlook.com>, "Iqtidar Ahmed (managingdirector.smta@gmail.com)" <managingdirector.smta@gmail.com>, pd.kmp.ylc@gmail.com, Rafay Ali Laghari

<rafay.laghari.smta@gmail.com>, Ashraf Lakho <Chief.consultant.tntd@gmail.com>, Consultant P & C TMTD

<planning.smtc@gmail.com>, Muhammad Danish <danish.pppgos@gmail.com>, sikande.shaikh@yahoo.com, Muhammad Yousuf Munir <director.infra.smta@gmail.com>, Karim Zakaria <Karim.Zakaria@dar.com>

Dear sir,

This is with reference to your email dated July 15, 2020, through which you have asked DAR-NESPAK JV to submit clarifications on the electronic copy of EOI submitted, for the subject project.


Enclosed please find our response to your queries.



We hope that the above suffice your requirements.

Regards

Rehan Zamin  
Chief Engineer / Section Head (Infrastructure)  
NESPAK Karachi  
Tel: 021-99090638  
Mob: 0345-2113830

[Quoted text hidden]

 DAR-NESPAK - Yellow EOI - Response to Queries - 22-07-2020.pdf  
17683K

8/24/2020

Gmail - Re: PK-SMTA-122605-CS-QCBS - Eol for Yellow BRT Line

M Gmail

SMTA INFRA <kmp.infra.smta@gmail.com>

Re: PK-SMTA-122605-CS-QCBS - Eol for Yellow BRT Line

VIAVANT Romain (SCE) <romain.viavant@sce.fr>  
To: "kmp.infra.smta@gmail.com" <kmp.infra.smta@gmail.com>  
Cc: "ashar.lodi@exponent.com.pk" <ashar.lodi@exponent.com.pk>, "LEOCADIE-THAUVIN Alice (SCE)" <alice.leocadie-thauvin@sce.fr>, "aamirshf@gmail.com" <aamirshf@gmail.com>, "managingdirector.smta@gmail.com" <director.infra.smta@gmail.com>, "chief.consultant.lmtid@gmail.com" <chief.consultant.lmtid@gmail.com>, "danish.pppgos@gmail.com" <danish.pppgos@gmail.com>, "rafay.laghari.smta@gmail.com" <rafay.laghari.smta@gmail.com>, "slikande.shaikh@yahoo.com" <slikande.shaikh@yahoo.com>, "planning.smtc@gmail.com" <pd.kmp.ylc@gmail.com>  
Sat, Jul 18, 2020 at 12:04 AM

Dear PMU,

I confirm that we have received the below request for clarification on the aforementioned package. We are now collecting the required documents. However, due to the holiday season, this may require few days. May you allow us few more days to send you the documents? That would be much helpful to make sure all is in order.

We remain at your disposal would you have any further clarification.

Best Regards,

(K)  
Romain VIAVANT  
Département International  
International Department  
Sce  
Aménagement  
& environnement

4 rue Viviani

CS 26220 - 44262 Nantes Cedex 2

Tel. +33 2 51 17 29 29

romain.viavant@sce.fr

www.sce.fr

GROUPE KERAN

From: SMTA INFRA <kmp.infra.smta@gmail.com>  
Date: 15 July 2020 at 17:44:55 GMT+5  
To: "LEOCADIE-THAUVIN Alice (SCE)" <alice.leocadie-thauvin@sce.fr>  
Cc: "Ashar H. Lodi" <ashar.lodi@exponent.com.pk>, "Aamir Sharif [Gmail]" <aamirshf@gmail.com>, Aamir Sharif <m.aamir@exponent.com.pk>, managingdirector.smta@gmail.com, Muhammad Yousuf Munir <director.infra.smta@gmail.com>, chief.consultant.lmtid@gmail.com, danish.pppgos@gmail.com, slikande.shaikh@yahoo.com, Rafay Ali Laghari <rafay.laghari.smta@gmail.com>, Consultant P & C TMTD <planning.smtc@gmail.com>, pd.kmp.ylc@gmail.com  
Subject: Re: PK-SMTA-122605-CS-QCBS - Eol for Yellow BRT Line

Dear Alice Thauvin,

8/24/2023

Gmail - Re: PK-SMTA-122605-CS-QCBS - EOI for Yellow BRT Line


Subsequent to the submission of the EOI document, please provide the response to the following latest by 23rd July 2020, for our further necessary action.

Please note that the page numbers referred below refer to the page numbers of the **pdf** soft copy of the EOI document submitted.

<b><u>M/s SCE JV M/s Hill International JV M/s Logit JV M/s HHO JV M/s Exponent (Pakistan)</u></b>
<b><u>Correction required:</u></b>
<p>Please refer to Page 08 and Page 09 of the EOI. The letter of declaration of association from M/s Logit and M/s HHO is not referred to the SMTA as required. Please make necessary corrections and provide afresh.</p>
<b><u>FINANCIAL STRENGTH</u></b>
<b><u>Clarification / Query:</u></b>
<p>Please provide Audited Reports of last five years for Hill International N.V and Logit Consulting Inc. Certified from an Audit Firm or Certified affiliated independent Auditor.</p>

Thanks &

Regards



16



8/24/2020

Gmail - Re PK-SMTA-122605-CS-QCBS - Eol for Yellow BRT Line

M Gmail

SMTA INFRA <kmp.infra.smta@gmail.com>

Re: PK-SMTA-122605-CS-QCBS - Eol for Yellow BRT Line


VIAVANT Romain (SCE) <romain.vivanti@sce.fr> Wed, Jul 22, 2020 at 11:51 AM  
To: 'kmp.infra.smta@gmail.com' <kmp.infra.smta@gmail.com>  
Cc: 'ashar.lodi@exponent.com.pk' <ashar.lodi@exponent.com.pk>, "LEOCADIE-THAUVIN Alice (SCE)" <alice.leocadie-thauvin@sce.fr>, "aamirshf@gmail.com" <aamirshf@gmail.com>, "managingdirector.smta@gmail.com" <managingdirector.smta@gmail.com>, "director.infra.smta@gmail.com" <director.infra.smta@gmail.com>, "chief.consultant.tmid@gmail.com" <chief.consultant.tmid@gmail.com>, "danish.pppgos@gmail.com" <danish.pppgos@gmail.com>, "silkande.shaiikh@yahoo.com" <silkande.shaiikh@yahoo.com>, "rafay.laghari.smta@gmail.com" <rafay.laghari.smta@gmail.com>, "planning.smtc@gmail.com" <planning.smtc@gmail.com>, "pd.kmp.ylc@gmail.com" <pd.kmp.ylc@gmail.com>

Dear PMU,

Please find enclosed the required documents:

- Updated Letters of Association from Ms Logit and HHO,
- Audited accounts from Logit and Hills international.

We remain at your disposal would you have any further question.  
Best Regards,

  
Romain VIAVANT  
Département International  
International Department  
Aménagement  
& environnement

4 rue Viviani  
CS 26220 - 44262 Nantes Cedex 2  
Tél. +33 2 51 17 29 29  
romain.vivanti@sce.fr

www.sce.fr

GROUPE KERAN

De : VIAVANT Romain (SCE)

Envoyé : vendredi 17 juillet 2020 21:04

À : 'kmp.infra.smta@gmail.com' <kmp.infra.smta@gmail.com>  
Cc : 'ashar.lodi@exponent.com.pk' <ashar.lodi@exponent.com.pk>, LEOCADIE-THAUVIN Alice (SCE) <alice.leocadie-thauvin@sce.fr>, 'aamirshf@gmail.com' <aamirshf@gmail.com>, 'managingdirector.smta@gmail.com' <managingdirector.smta@gmail.com>, 'director.infra.smta@gmail.com' <director.infra.smta@gmail.com>, 'chief.consultant.tmid@gmail.com' <chief.consultant.tmid@gmail.com>, 'danish.pppgos@gmail.com' <danish.pppgos@gmail.com>, 'silkande.shaiikh@yahoo.com' <silkande.shaiikh@yahoo.com>, 'rafay.laghari.smta@gmail.com' <rafay.laghari.smta@gmail.com>, 'planning.smtc@gmail.com' <planning.smtc@gmail.com>

8/24/2020

Gmail - Re: PK-SMTA-122605-CS-QCBS - Eol for Yellow BRT Line

<planning.smtc@gmail.com>: 'pd.kmp.ylc@gmail.com' <pd.kmp.ylc@gmail.com>  
Objet : Re: PK-SMTA-122605-CS-QCBS - Eol for Yellow BRT Line

[Quoted text hidden]

 Clarifications.pdf  
29030K


10

8/24/2020

Gmail - Submission of EOI for Karachi Mobility Project - Yellow Line

M Gmail

SMTA INFRA <kmp.infra.smta@gmail.com>

## Submission of EOI for Karachi Mobility Project - Yellow Line

Rafey Ahmed Siddiqui <rafey.ahmed@osmani.com> Wed, Jul 15, 2020 at 6:47 PM  
To: SMTA INFRA <kmp.infra.smta@gmail.com>  
Cc: Chief,consultant.tmtid@gmail.com, Consultant P & C TMTD <planning.smtc@gmail.com>, Muhammad Yousuf Munir <director.infra.smta@gmail.com>, Rafay Ali Laghari <rafay.laghari.smta@gmail.com>, Rafey Ahmed Siddiqui <rafey.ahmed@osmani.com>, Danish,pppgos@gmail.com, managingdirector.smta@gmail.com, pd.kmp.ylc@gmail.com, sikanide.shaiikh@yahoo.com

Dear Sir,

Duly noted,  
Will be responded to by 23rd July positively.  
Regards,

Rafey

[Quoted text hidden]



8/24/2020

Gmail - Submission of EOI for Karachi Mobility Project - Yellow Line

M Gmail

SMTA INFRA <kmp.infra.smta@gmail.com>

### Submission of EOI for Karachi Mobility Project - Yellow Line

Rafay Ahmed Siddiqui <rafay.ahmed@osmani.com>  
To: SMTA INFRA <kmp.infra.smta@gmail.com>  
Cc: Managing Director Smta <md.smta@gmail.com>  
Munir <director.infra.smta@gmail.com>, Consultant P & C TMTD <planning.smtc@gmail.com>, Danish Appas <danish.appas@gmail.com>, Skail

Dear Sir,

Please find attached answers to the above queries. All of the above queries have been answered except for the Financial Strength of M/s Suro Pollais Inc as they have an obligation to otherwise please let us know an alternative apart from audited return statements.

Kindly let us know if there is a requirement to submit hard copies of this response.

Thanks & Best Regards,

**Rafay A Siddiqui, PhD, PE**  
**PMP, ENVR, LEED AP**  
**Executive Director**  
**Osmani & Company (Pvt.) Ltd.,**  
Consulting Engineers - Architects - Planners  
Osmani House, 245/2-K, Block-6, PECHS,  
Karachi-75400, Pakistan.  
Ph: +92-21-3454-6541/2, 3453-6007/8  
Fax: +92-21-34534691  
Web: www.osmani.com  
E-mail: ocl-hm@osmani.com

The content of this electronic communication is intended solely for the use of the individual or entity to whom it is addressed and any others who are specifically authorized to receive it. privileged information. If you are not the intended recipient you are hereby notified that any disclosure, copying, distribution or otherwise placing reliance on the contents of this information communication in error please notify the sender immediately by responding to this email and then delete it from your system.

[Quoted text hidden]

#### 6 attachments

WhatsApp Image 2020-07-23 at 1.58.52 PM.jpeg  
53K

Screen Shot 2020-07-15 at 7.02.28 PM.png  
433K

Certificate\_of\_good\_standing.pdf  
52K  
Certificate 2.pdf  
1301K  
Certificate 1.pdf  
2900K  
EOI-PTC-SMTA-Karachi Mobility-Yellow BRT-R1.pdf  
5800K

*[Handwritten signatures and initials]*

no



8/24/2020

Gmail - Submittal EOI for Yellow Line BRT by TYPsAMMP/ASCE

M Gmail

SMTA INFRA <kmp.infra.smta@gmail.com>

## Submittal EOI for Yellow Line BRT by TYPsAMMP/ASCE

ADAME DE HEU PATRICIO <padame@typsa.es>  
To: SMTA INFRA <kmp.infra.smta@gmail.com>  
Cc: Eljaz Alam <eljaz.alam@mmpakistan.com>

Thu, Jul 23, 2020 at 4:53 PM

<managingdirector.smta@gmail.com>, "managingdirector.smta@gmail.com"  
<rafay.laghari.smta@gmail.com>, Muhammad Yousuf Munir <director.infra.smta@gmail.com>, Rafay Ali Laghari  
"Chief.consultant.tmttd@gmail.com", Consultant P & C TMTD <planning.smtc@gmail.com>.  
<danish.pppgos@gmail.com> "Chief.consultant.tmttd@gmail.com", "danish.pppgos@gmail.com"  
<pd.kmp.ylc@gmail.com>, "sikande.shaikh@yahoo.com" <sikande.shaikh@yahoo.com>, "pd.kmp.ylc@gmail.com"  
<spc.kmp.ylc@gmail.com>, RODRIGUEZ CASTELLANOS ANTONIO <arcastellanos@typsa.es>

Dear Sir,

Please find the required information by your yesterday's mail. I hope this will meet with you requirements.

M/s Typsa JV M/s Mott McDonald Pakistan		
GENERAL TECHNICAL EXPERIENCE	CLARIFICATION / QUERY	Doc attached name
Project:  "Riyadh Metro Project (Package 3 – Lines 4,5 and 6)" --- [Page No: 159]	Please provide a copy of contract agreement of this project. The certificate provided at Page 161 is signed without the mentioning of officer name / designation and other relevant details.	Please refer to documents CBE 1387,  1 Riyadh Metro 13 Riyadh Metro
SPECIFIC TECHNICAL EXPERIENCE	CLARIFICATION / QUERY	
Project:  "New Transport System of Astana BRT – Phase 1" --- [Page 207]	Please provide Certificate of completion / Copy of Contract Agreement stating the project cost, scope of services provided by M/s TYPsA and duration of services.	Please refer to  3ASTANA LRT 06-FM1389 CONTRACT 19_TR1365 MP Astana  three of them Attached
Project:  "Transport Planning study and Detailed design of Abu Dhabi Urban Transport network" --- [Page 222]	Please provide Certificate of completion / Copy of Contract Agreement stating the project cost, scope of services provided by M/s TYPsA and duration of services.	Please refer to doc named: doc3091 Dhabi LRT 7 Transport Network DP AD Abu ADDENDUM

8/24/2020

Gmail - Submittal EOI for Yellow Line BRT by TYPsA/MM/AsCE

four of them attached	
<b>FINANCIAL STRENGTH</b> Clarification / Query	
TÉCNICA Y PROYECTOS S.A. being a Lead partner has not submitted the Audited Financial Reports for the financial year 2019. Please provide the required document as being a mandatory requirement in the EOI.	Please refer to Balance sheet year 2019 Auditor's report not yet translated *by 15 days still

In the case you have still any query, please do not hesitate to address them to me

Kind regards

**Patricio M. Adame de Heu**

Country Manager, MEGD Pakistan | **TYPsA GROUP**

**Tel:** +92 423 545 0914-5 | **Fax:** +92 423 545 0916 | **Mobile:** +92 320 455 4558

**Email:** padame@typsa.com

**Address:** C-3, Jhelum Block, Green Forts-II | Lahore 54700 | Pakistan

[www.typsa.com](http://www.typsa.com)



Before printing this message, please be sure it is necessary.

This electronic transmission is strictly confidential and intended solely for the addressee. If you are not the intended addressee, you are kindly requested not to disclose nor to copy this transmission and to notify us as soon as possible.

2/3

8/24/2020

Gmail - Submittal EOI for Yellow Line BRT by TYPsAMMP/AsCE

**From:** SMTA INFRA [mailto:kmp.infra.smta@gmail.com]  
**Sent:** Wednesday, July 15, 2020 2:37 PM  
**To:** ADAME DE HEU PATRICIO <padame@tysa.es>  
**Cc:** Ejaz Alam <ejaz.alam@mmpakistan.com>; managingdirector.smta@gmail.com; Muhammad Yousuf Munit <director.infra.smta@gmail.com>; Rafay Ali Laghari <rafay.laghari.smta@gmail.com>; Consultant P & C TMTD <planning.smtc@gmail.com>; Chief.consultant.tmtd@gmail.com; danish.pppgos@gmail.com; sikande.shaikh@yahoo.com; pd.kmp.ylc@gmail.com  
**Subject:** Re: Submittal EOI for Yellow Line BRT by TYPsA/MMP/AsCE

Dear Mr. Patricio M. Adame de Heu,

[Quoted text hidden]

11 attachments

-  INFORME DE AUDITORIA TYPsA 2019 \_castellano\_inglés\_numerado firmado.pdf  
3794K
-  Bce-Inglés € firmado.pdf  
354K
-  1-Riyadh Metro.pdf  
1731K
-  13-RiyadhMetro.pdf  
302K
-  01-CBE-1387-MetroRiad 10-12-16.pdf  
220K
-  Transport Network DP\_Abu Dhabi.pdf  
393K
-  3091.pdf  
3611K
-  AbuDhabi\_LRT.PDF  
3020K
-  Addendum No. 7.pdf  
2055K
-  19\_TR1365 Master Plan Astana contract summary.pdf  
470K
-  03-Astana\_LRT.PDF  
627K



Handwritten signatures and initials are present, including a large signature at the top left, a signature in the middle left, and several initials and smaller signatures on the right side.

23



# COORDINATION DEPARTMENT

Karachi dated the 13<sup>th</sup> May, 2020

## NOTIFICATION

50(G-IV)SG&R/CD/Notification-TPV/2020: A Consultant Selection Committee is hereby constituted to the entire procurement process for filing of Procurement Consultancy Services under ADP Scheme Karachi Urban Mobility Project - Yellow Line BRIS Project.

The composition and Terms of References (TORs) of the Committee are as under:-

S.NO.	DESIGNATION	STATUS
1.	Managing Director, SMTA, Government of Sindh	Chairman
2.	Director, Infrastructure / Projects SMTA, Government of Sindh	Member
3.	Chief Consultant, TMTD, Government of Sindh	Member
4.	Director, Finance & Accounts SMTA, Government of Sindh	Member
5.	Director, ITS, SMTA, Government of Sindh	Member
6.	A representative of P&D, Government of Sindh	Member
7.	A representative from Finance Department, Government of Sindh not below the rank of BS-18	Member

## Terms of References (TORs)

- Preparing and / or Reviewing bidding documents / request for proposals
- Carrying out technical as well as financial evaluation of the bids / proposals
- Making recommendations for the award of contract and managing the contracts
- Perform any other function ancillary and incidental to the above

MUMTAZ ALI SHAH  
CHIEF SECRETARY, SINDH

Karachi, dated 13<sup>th</sup> May, 2020

50(G-IV)SG&R/CD/Notification-TPV/2020

is forwarded for information & necessary action to:-

- The Chairman/ Member (all of the Committee)
- PS to Chairman, P&D Board, Government of Sindh, Karachi.
- PS to Secretary, Finance Department, Government of Sindh, Karachi.
- PS to Secretary, Transport & Mass Transit Department, Govt. of Sindh, Karachi.
- PS to Managing Director, SMTA, Government of Sindh, Karachi.
- Notification File.

(DUNALD IQBAL KHAN)

DEPUTY SECRETARY (A&C)





GOVERNMENT OF SINDH  
SERVICES, GENERAL ADMINISTRATION &  
COORDINATION DEPARTMENT

Karachi, dated the 28<sup>th</sup> July, 2020.

## NOTIFICATION

**NO:SO(C-IV)SGA&CD/Notification-Trpt/2020** In supersession of this Department

Notification of even number dated the 13<sup>th</sup> May, 2020, the **Consultant Selection Committee**;

to carry out entire process for hiring of Procurement Consultancy Services under ADP Scheme

No-22 Karachi Urban Mobility Project-Yellow Line BRTs Project; is hereby re-constituted with

following composition and TORs:-

1	Managing Director, SMTA, Government of Sindh	Chairman
2	Project Director, (Project Management Team) BRT Yellow Line.	Member
3	Director, Infrastructure/Projects, SMTA, Government of Sindh	Member
4	Chief Consultant, TMTD, Government of Sindh	Member
5	Director ITS, SMTA, Government of Sindh	Member
6	Deputy Director (Procurement), SMTA, Government of Sindh	Member
7	Director Finance & Accounts, SMTA, Government of Sindh	Member
8	A representative of P&D Department not below the rank of BS-18	Member
9	A representative of Finance Department not below the rank of BS-18	Member

### Terms of Reference:

- Preparing and / or reviewing bidding documents / request for proposals.
- Carrying out technical as well as financial evaluation of the bids / proposals.
- Making recommendations for the award of contract and managing the contracts.
- Perform any other function ancillary and incidental to the above.

MUMTAZ ALI SHAH  
CHIEF SECRETARY, SINDH

**NO:SO(C-IV)SGA&CD/Notification-Trpt/2020**

Karachi, dated 28<sup>th</sup> July, 2020.

Copy is forwarded for information & necessary action to:-

- Chairman, P&D Board, Government of Sindh, Karachi.
- Secretary, Transport & Mass Transit Department, Government of Sindh, Karachi.
- Secretary, Finance Department, Government of Sindh, Karachi.
- Chairman/Members (all) of the Committee
- DS (Staff) to Chief Secretary, Sindh, Karachi.
- P.S. to Secretary (I&C), SGA&CD.
- Master file.

(ALI AHMED BJARANI)  
SECTION OFFICER (C-IV)

8.8.20  
DEPTT.

# ATTENDANCE SHEET

Subject: 4<sup>th</sup> CONSULTANT SELECTION COMMITTEE MEETING (KARACHI MOBILITY PROJECT-YELLOW BRT)

Dated: 21<sup>st</sup> August 2020

Time: 11:00 AM

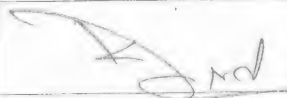

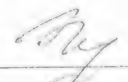



S.NO	NAME	DESIGNATION	DEPARTMENT	CONTACT NO.	SIGNATURE
1.	Shamsher Ali	Chief	PO B	0306-27937	Ali
2.	Abiz Ali	Director (Transport)	SMTA	0305-2633472	Abiz
3.	Shahid Ali	DD Contact	EN-77A	0338-2633472	Shahid
4.	Asim Ali Lakito	Chief Consultant	TM TD	03362547581	Asim
5.	Iman Reza	PD YLC	SM TA.	03002200245	Iman
6.	Rafay Ali Lakito	Director finance	SM TB	0321544442	Rafay
7.	Muhammad YOUSUF Mawid	DIRECTOR INFRA/PROTECT	SM TA	0321-844-3974	Muhammad
8.	Muhammad Danish				
9.	Qasim Ali Ahmed	M.D	SM TA	0338-2276110	Qasim

ATTENDANCE SHEET

SUBJECT: CONSULTANT SELECTION COMMITTEE MEETING KARACHI MOBILITY PROJECT-YELLOW BRT

DATED: 24<sup>th</sup> August 2020

TIME: 3:00 pm

S. NO	NAME	DESIGNATION	CONTACT NUMBER	SIGNATURE
1.	Kashif Ali	MD Contact/Head	0333-2633472	
2.	RAFAI ALI LAGHARI	Director (F/A)	0321 5444470	
3.	Syed Abdul Aziz Shah	Chief (Transport)	0306 -	
4.	Imran Bhatti	PD YLC	0300 2793732 2200275	
5.	NIJAZ ALI	Director ITS (SMIA)	0345 3572895	
6.	Muhammed YOUSUF Munir	DIRECTOR INFRA	0321-877-3979	
7.				
8.				
9.				



**SINDH MASS TRANSIT AUTHORITY**  
**GOVERNMENT OF SINDH**  
Dated: 07<sup>th</sup> September 2020

**MINUTES OF 5<sup>th</sup> / 6<sup>th</sup> / 7<sup>th</sup> / 8<sup>th</sup> CONSULTANT SELECTION COMMITTEE (CSC)**  
**MEETING KARACHI MOBILITY PROJECT (YELLOW BRTS)**

Subsequent to the 4<sup>th</sup> CSC meeting wherein the CSC finalized the shortlisted consultants, four consecutive CSC meetings were held (on 1<sup>st</sup>/2<sup>nd</sup>/3<sup>rd</sup>/4<sup>th</sup> September 2020) in order to finalize the Request for Proposal (**RFP**) document before sending to the World Bank for their no-objection. The CSC also went through the draft evaluation report of Expression of Interest (EOI) (**Annexure A**) based on the shortlisting done earlier.

The CSC discussed that the RFP document has been prepared following the Standard Bidding Documents issued by the World Bank. Considering the size and nature of the Services [Preparation of Detailed Design, Procurement Support and Construction Supervision] required from the Consultant firm, Quality & Cost based selection criteria will be used for the evaluation of proposals. The CSC deliberated the Data Sheet, Terms of Reference (**TORs**) and Special Conditions of Contract in detail.

After detailed deliberations, the CSC finalized the complete RFP including **TORs** and Conditions of Contract (**Annexure B**) in 8<sup>th</sup> CSC meeting on 4<sup>th</sup> September 2020 and agreed to send the same to the World Bank for their *prior* review pursuant to the World Bank procurement regulations.

Director Finance  
PPP (nil. Finance Department,  
Government of Sindh

Chief Transport  
Planning & Development Department,  
Government of Sindh

Project Director, ~~Project~~ Management Team  
Karachi Mobility Project (Yellow BRT)

Chief Consultant  
Transport & Mass Transit Department  
Government of Sindh

Director Infrastructure / Projects,  
Sindh Mass Transit Authority  
Government of Sindh

Director Finance & Accounts  
Sindh Mass Transit Authority  
Government of Sindh

Director (ITS)  
Sindh Mass Transit Authority  
Government of Sindh

Deputy Director (Contracts & Procurement)  
Sindh Mass Transit Authority  
Government of Sindh

Managing Director  
Sindh Mass Transit Authority  
Government of Sindh



SELECTION OF CONSULTANTS

**Request for Proposals  
Consulting Services**

**Procurement of:**

*Consulting Services for Preparation of  
Detailed Design, Procurement Support and Construction  
Supervision for  
Karachi Mobility Project  
(Yellow Bus Rapid Transit)*

**RFP No:** PK-SMTA-122605-CS-QCBS

**Client:** Sindh Mass Transit Authority, Karachi

**Country:** Islamic Republic of Pakistan

**Issued on:** [insert date when RFP is sent to shortlisted firms]

Comment [H1]: To be inserted

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22. Confidentiality .....	Error! Bookmark not defined.
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27. Proprietary Rights of the Client in Reports and Records.....	Error! Bookmark not defined.
28. Equipment, Vehicles and Materials .....	Error! Bookmark not defined.
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31. Removal of Experts or Sub-consultants.....	Error! Bookmark not defined.
E. Obligations of the Client .....	Error! Bookmark not defined.
32. Assistance and Exemptions.....	Error! Bookmark not defined.
33. Access to Project Site.....	Error! Bookmark not defined.
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F. Payments to the Consultant ..... Error! Bookmark not defined.

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G. Fairness and Good Faith ..... Error! Bookmark not defined.

43. Good Faith ..... Error! Bookmark not defined.

H. Settlement of Disputes ..... Error! Bookmark not defined.

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**PART I**

**Section 1. Request for Proposal Letter**

*[Handwritten signatures and initials]*



## Request for Proposal Letter

### Consulting Services

**Name of Assignment:** Consulting Services in Preparation of Detailed Design, Procurement Support and Construction Supervision for Yellow Bus Rapid Transit Corridor

**RFP Reference No.:** PK-SMTA-I22605-CS-QCBS

**Loan No./Credit No./ Grant No.:** IBRD-89950

**Country:** Islamic Republic of Pakistan

**Date:** [insert date when RFP is sent to shortlisted firms]

Comment [H2]: To be inserted

[insert: Name and Address of Consultant. In case of a Joint Venture (JV), full name of the JV and the names of each member as in the submitted Expression of Interest shall be used. For each shortlisted consultant there has to be a separate letter.]

Dear Mr. /Ms.: \_\_\_\_\_

Comment [H3]: Insert 4 shortlisted firms. There will be 4 separate RFP letters, one for each shortlisted firm

Comment [H4]: Name of focal person of each consultant

1. The Islamic Republic of Pakistan [hereinafter called "the Borrower"] has received financing from the International Bank for Reconstruction and Development (IBRD) [the "Bank"] in the form of a loan [hereinafter called "loan"] toward the cost of Karachi Mobility Project (Yellow BRT). The Sindh Mass Transit Authority [the SMTA], an implementing agency of the Client, intends to apply a portion of the proceeds of this loan to eligible payments under the contract for which this Request for Proposals is issued. Payments by the Bank will be made only at the request of the Sindh Mass Transit Authority and upon approval by the Bank, and will be subject, in all respects, to the terms and conditions of the loan agreement. The loan agreement prohibits a withdrawal from the loan account for the purpose of any payment to persons or entities, or for any import of goods, if such payment or import, to the knowledge of the Bank, is prohibited by a decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations. No party other than the Sindh Mass Transit Authority shall derive any rights from the loan agreement or have any claims to the proceeds of the loan.
2. The Client now invites proposals to provide the following consulting services [hereinafter called "the Services"]: Consulting Services for Preparation of Detailed Design, Procurement Support and Construction Supervision. More details on the Services are provided in the Terms of Reference (Section 7).



3. This Request for Proposals (RFP) has been addressed to the following shortlisted Consultants:

[Insert the list of shortlisted Consultants. If a Consultant is a Joint Venture (JV), the full name of the JV, as in the Expression of Interest, shall be used. In addition, list all members, starting with the name of the lead member. Where sub-consultants have been proposed, they shall be named.]

Comment [H5]: Insert list of shortlisted consultants

4. It is not permissible to transfer this RFP to any other firm.
5. A firm will be selected under Quality and Cost Based Selection [QCBS] procedures and in a Full Technical Proposal [FTP] format as described in this RFP, in accordance with the Bank's "Procurement Regulations for IPF Borrowers" July 2016, revised November 2017 and August 2018 [the Procurement Regulations], which can be found at the following website: [www.worldbank.org](http://www.worldbank.org)

The RFP includes the following documents:

Section 1 – Request for Proposals Letter  
Section 2 - Instructions to Consultants and Data Sheet  
Section 3 - Technical Proposal (FTP) - Standard Forms  
Section 4 - Financial Proposal - Standard Forms  
Section 5 – Eligible Countries  
Section 6 – Fraud and Corruption  
Section 7 - Terms of Reference  
Section 8 - Standard Forms of Contract (Time-Based)

6. Please inform us by [insert date], in writing at

Project Director (Karachi Mobility Project)  
Sindh Mass Transit Authority  
Transport & Mass Transit Department, Government of Sindh  
House # D-43; Block 2; Scheme No. 5; Kehkashan, Clifton, Karachi, Pakistan

or by E-mail to [kmp.infra.smta@gmail.com](mailto:kmp.infra.smta@gmail.com)

- (a) that you have received this Request for Proposals; and
- (b) whether you intend to submit a proposal alone or intend to enhance your experience by requesting permission to associate with other firm(s) (if permissible under Section 2, Instructions to Consultants (ITC), Data Sheet 14.1.1).
7. "Attention is drawn to the Procurement Regulations requiring the Borrower to disclose information on the successful Consultant's beneficial ownership, as part of the Contract Award Notice, using the Beneficial Ownership Disclosure Form as included in the Request for Proposals."
8. Details on the proposal's submission date, time and address are provided in ITC 17.7 and ITC 17.9.



Yours sincerely,

Project Director (Karachi Mobility Project)  
Sindh Mass Transit Authority  
Transport & Mass Transit Department, Government of Sindh  
House # D-43; Block 2; Scheme No. 5; Kehkashan, Clifton, Karachi, Pakistan  
E-mail: [pd.kmp.ylc@gmail.com](mailto:pd.kmp.ylc@gmail.com) : [kmp.infra.smta@gmail.com](mailto:kmp.infra.smta@gmail.com)

A collection of handwritten signatures and initials in black ink, arranged horizontally. From left to right, there is a stylized signature, a set of initials 'VH', another signature, a signature that appears to be 'N. S.', a signature that looks like 'S.', and a large, circular signature on the far right.

## Section 2. Instructions to Consultants and Data Sheet

### Instructions to Consultants

#### A. General Provisions

##### 1. Definitions

- (a) "Affiliate(s)" means an individual or an entity that directly or indirectly controls, is controlled by, or is under common control with the Consultant.
- (b) "Applicable Law" means the laws and any other instruments having the force of law in the Client's country, or in such other country as may be specified in the **Data Sheet**, as they may be issued and in force from time to time.
- (c) "Bank" means the International Bank for Reconstruction and Development (IBRD) or the International Development Association (IDA).
- (d) "Borrower" means the Government, Government agency or other entity that signs the *[loan financing grant]* agreement with the Bank.
- (e) "Client" means the implementing agency that signs the Contract for the Services with the selected Consultant.
- (f) "Consultant" means a legally-established professional consulting firm or an entity that may provide or provides the Services to the Client under the Contract.
- (g) "Contract" means a legally binding written agreement signed between the Client and the Consultant and includes all the attached documents listed in its Clause I (the General Conditions of Contract (GCC), the Special Conditions of Contract (SCC), and the Appendices).
- (h) "Data Sheet" means an integral part of the Instructions to Consultants (ITC) Section 2 that is used to reflect specific country and assignment conditions to supplement, but not to over-write, the provisions of the ITC.

<sup>1</sup> [ "loan agreement" term is used for IBRD loans; "financing agreement" is used for IDA credits; and "grant agreement" is used for Recipient-Executed Trust Funds administered by IBRD or IDA ]

*[Signature]*

*[Signature]*

*[Signature]*

*[Signature]*

*[Signature]*



- (i) "Day" means a calendar day, unless otherwise specified as "Business Day". A Business Day is any day that is an official working day of the Borrower. It excludes the Borrower's official public holidays.
- (j) "Experts" means, collectively, Key Experts, Non-Key Experts, or any other personnel of the Consultant, Sub-consultant or Joint Venture member(s).
- (k) "Government" means the government of the Client's country.
- (l) "in writing" means communicated in written form (e.g. by mail, e-mail, fax, including, if specified in the Data Sheet, distributed or received through the electronic-procurement system used by the Client) with proof of receipt.
- (m) "Joint Venture (JV)" means an association with or without a legal personality distinct from that of its members, of more than one Consultant where one member has the authority to conduct all business for and on behalf of any and all the members of the JV, and where the members of the JV are jointly and severally liable to the Client for the performance of the Contract.
- (n) "Key Expert(s)" means an individual professional whose skills, qualifications, knowledge and experience are critical to the performance of the Services under the Contract and whose CV is taken into account in the technical evaluation of the Consultant's proposal.
- (o) "ITC" (this Section 2 of the RFP) means the Instructions to Consultants that provides the shortlisted Consultants with all information needed to prepare their Proposals.
- (p) "Non-Key Expert(s)" means an individual professional provided by the Consultant or its Sub-consultant and who is assigned to perform the Services or any part thereof under the Contract and whose CVs are not evaluated individually.
- (q) "Proposal" means the Technical Proposal and the Financial Proposal of the Consultant.
- (r) "RFP" means the Request for Proposals to be prepared

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by the Client for the selection of Consultants, based on the SPD - RFP.

- (s) "SPD - RFP" means the Standard Procurement Document - Request for Proposals, which must be used by the Client as the basis for the preparation of the RFP.
- (t) "Services" means the work to be performed by the Consultant pursuant to the Contract.
- (u) "Sub-consultant" means an entity to whom the Consultant intends to subcontract any part of the Services while the Consultant remains responsible to the Client during the whole performance of the Contract.
- (v) "Terms of Reference (TORs)" (this Section 7 of the RFP) means the Terms of Reference that explains the objectives, scope of work, activities, and tasks to be performed, respective responsibilities of the Client and the Consultant, and expected results and deliverables of the assignment.
- (w) "ESHS" means environmental, social (including sexual exploitation and abuse (SEA) and gender based violence (GBV)), health and safety.

## 2. Introduction

- 2.1 The Client named in the **Data Sheet** intends to select a Consultant from those listed in the Request for Proposals (RFP), in accordance with the method of selection specified in the **Data Sheet**.
- 2.2 The shortlisted Consultants are invited to submit a Technical Proposal and a Financial Proposal, or a Technical Proposal only, as specified in the **Data Sheet**, for consulting services required for the assignment named in the **Data Sheet**. The Proposal will be the basis for negotiating and ultimately signing the Contract with the selected Consultant.
- 2.3 The Consultants should familiarize themselves with the local conditions and take them into account in preparing their Proposals, including attending a pre-proposal conference if one is specified in the **Data Sheet**. Attending any such pre-proposal conference is optional and is at the Consultants' expense.
- 2.4 The Client will timely provide, at no cost to the

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Consultants, the inputs, relevant project data, and reports required for the preparation of the Consultant's Proposal as specified in the **Data Sheet**.

**3. Conflict of Interest**

3.1 The Consultant is required to provide professional, objective, and impartial advice, at all times holding the Client's interests paramount, strictly avoiding conflicts with other assignments or its own corporate interests, and acting without any consideration for future work.

3.2 The Consultant has an obligation to disclose to the Client any situation of actual or potential conflict that impacts its capacity to serve the best interest of its Client. Failure to disclose such situations may lead to the disqualification of the Consultant or the termination of its Contract and/or sanctions by the Bank.

3.2.1 Without limitation on the generality of the foregoing, the Consultant shall not be hired under the circumstances set forth below:

**a. Conflicting Activities**

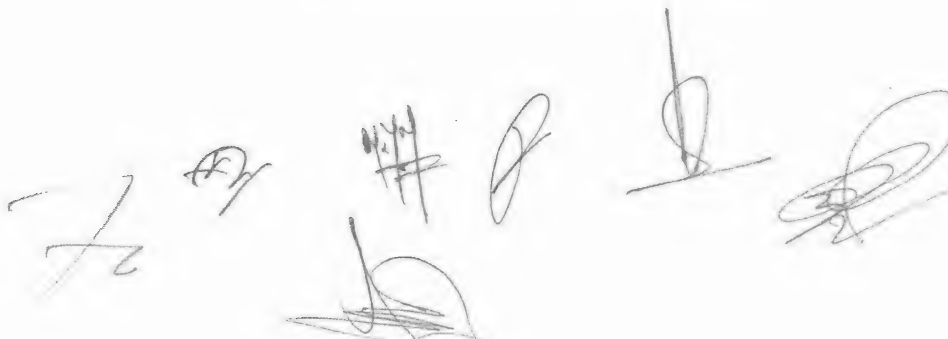
(i) Conflict between consulting activities and procurement of goods, works or non-consulting services: a firm that has been engaged by the Client to provide goods, works, or non-consulting services for a project, or any of its Affiliates, shall be disqualified from providing consulting services resulting from or directly related to those goods, works, or non-consulting services. Conversely, a firm hired to provide consulting services for the preparation or implementation of a project, or any of its Affiliates, shall be disqualified from subsequently providing goods or works or non-consulting services resulting from or directly related to the consulting services for such preparation or implementation.

**b. Conflicting Assignments**

(ii) Conflict among consulting assignments: a Consultant (including its Experts and Sub-consultants) or any of its Affiliates shall not be hired for any assignment that, by its nature, may be in conflict with another assignment of the Consultant for the same or for another Client.

**c. Conflicting Relationships**

(iii) Relationship with the Client's staff: a Consultant (including its Experts and Sub-consultants) that has a close business or family relationship with a professional staff of the Borrower (or of the Client, or of implementing agency, or of a recipient of a part

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of the Bank's financing) who are directly or indirectly involved in any part of (i) the preparation of the Terms of Reference for the assignment, (ii) the selection process for the Contract, or (iii) the supervision of the Contract, may not be awarded a Contract, unless the conflict stemming from this relationship has been resolved in a manner acceptable to the Bank throughout the selection process and the execution of the Contract.

- 4. Unfair Competitive Advantage**
- 4.1 Fairness and transparency in the selection process require that the Consultants or their Affiliates competing for a specific assignment do not derive a competitive advantage from having provided consulting services related to the assignment in question. To that end, the Client shall indicate in the **Data Sheet** and make available to all shortlisted Consultants together with this RFP all information that would in that respect give such Consultant any unfair competitive advantage over competing Consultants.
- 5. Fraud and Corruption**
- 5.1 The Bank requires compliance with the Bank's Anti-Corruption Guidelines and its prevailing sanctions policies and procedures as set forth in the WBG's Sanctions Framework, as set forth in Section 6.
- 5.2 In further pursuance of this policy, Consultants shall permit and shall cause their agents (where declared or not), subcontractors, subconsultants, service providers, suppliers, and their personnel, to permit the Bank to inspect all accounts, records and other documents relating to any shortlisting process, Proposal submission, and contract performance (in the case of award), and to have them audited by auditors appointed by the Bank.
- 6. Eligibility**
- 6.1 The Bank permits consultants (individuals and firms, including Joint Ventures and their individual members) from all countries to offer consulting services for Bank-financed projects.
- 6.2 Furthermore, it is the Consultant's responsibility to ensure that its Experts, joint venture members, Sub-consultants, agents (declared or not), sub-contractors, service providers, suppliers and/or their employees meet the eligibility requirements as established by the Bank in the applicable Procurement Regulations.
- 6.3 As an exception to the foregoing ITC 6.1 and ITC 6.2



above:

**a. Sanctions**

- 6.3.1 A Consultant that has been sanctioned by the Bank, pursuant to the Bank's Anti-Corruption Guidelines and in accordance with its prevailing sanctions policies and procedures as set forth in the WBG's Sanctions Framework as described in Section VI. Fraud and Corruption, paragraph 2.2 d., shall be ineligible to be shortlisted for, submit proposals for, or be awarded a Bank-financed contract or benefit from a Bank-financed contract, financially or otherwise, during such period of time as the Bank shall have determined. The list of debarred firms and individuals is available at the electronic address specified **in the PDS**.

**b. Prohibitions**

- 6.3.2 Firms and individuals of a country or goods manufactured in a country may be ineligible if so indicated in Section 5 (Eligible Countries) and:
- (a) as a matter of law or official regulations, the Borrower's country prohibits commercial relations with that country, provided that the Bank is satisfied that such exclusion does not preclude effective competition for the provision of Services required; or
  - (b) by an act of compliance with a decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations, the Borrower's Country prohibits any import of goods from that country or any payments to any country, person, or entity in that country.

**c. Restrictions for State-Owned Enterprises**

- 6.3.3 State-owned enterprises or institutions in the Borrower's country may be eligible to compete and be awarded a contract only if they can establish, in a manner acceptable to the Bank, that they: (i) are legally and financially autonomous, (ii) operate under commercial law, and (iii) are not under supervision of the Client.

**d. Restrictions for Public Employees**

- 6.3.4 Government officials and civil servants of the Borrower's country are not eligible to be included as Experts, individuals, or members of a team of Experts in the Consultant's Proposal unless:
- (i) the services of the government official or

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civil servant are of a unique and exceptional nature, or their participation is critical to project implementation; and

- (ii) their hiring would not create a conflict of interest, including any conflict with employment or other laws, regulations, or policies of the Borrower.

**c. Borrower  
Debarment**

- 6.3.5 A firm that is under a sanction of debarment by the Borrower from being awarded a contract is eligible to participate in this procurement, unless the Bank, at the Borrower's request, is satisfied that the debarment: (a) relates to fraud or corruption, and (b) followed a judicial or administrative proceeding that afforded the firm adequate due process.

**B. Preparation of Proposals**

- 7. General Considerations**
- 7.1 In preparing the Proposal, the Consultant is expected to examine the RFP in detail. Material deficiencies in providing the information requested in the RFP may result in rejection of the Proposal.
- 8. Cost of Preparation of Proposal**
- 8.1 The Consultant shall bear all costs associated with the preparation and submission of its Proposal, and the Client shall not be responsible or liable for those costs, regardless of the conduct or outcome of the selection process. The Client is not bound to accept any proposal, and reserves the right to annul the selection process at any time prior to Contract award, without thereby incurring any liability to the Consultant.
- 9. Language**
- 9.1 The Proposal, as well as all correspondence and documents relating to the Proposal exchanged between the Consultant and the Client, shall be written in the language(s) specified in the **Data Sheet**.
- 10. Documents Comprising the Proposal**
- 10.1 The Proposal shall comprise the documents and forms listed in the **Data Sheet**.
- 10.2 If specified in the **Data Sheet**, the Consultant shall include a statement of an undertaking of the Consultant to observe, in competing for and executing a contract, the Client country's laws against fraud and corruption (including bribery).
- 10.3 The Consultant shall furnish information on

commissions, gratuities, and fees, if any, paid or to be paid to agents or any other party relating to this Proposal and, if awarded, Contract execution, as requested in the Financial Proposal submission form (Section 4).

**11. Only One Proposal**

- 11.1 The Consultant (including the individual members of any Joint Venture) shall submit only one Proposal, either in its own name or as part of a Joint Venture in another Proposal. If a Consultant, including any Joint Venture member, submits or participates in more than one proposal, all such proposals shall be disqualified and rejected. This does not, however, preclude a Sub-consultant, or the Consultant's staff from participating as Key Experts and Non-Key Experts in more than one Proposal when circumstances justify and if stated in the **Data Sheet**.

**12. Proposal Validity**

- 12.1 **The Data Sheet** indicates the period during which the Consultant's Proposal must remain valid after the Proposal submission deadline.

- 12.2 During this period, the Consultant shall maintain its original Proposal without any change, including the availability of the Key Experts, the proposed rates and the total price.

- 12.3 If it is established that any Key Expert nominated in the Consultant's Proposal was not available at the time of Proposal submission or was included in the Proposal without his/her confirmation, such Proposal shall be disqualified and rejected for further evaluation, and may be subject to sanctions in accordance with ITC 5.

**a. Extension of Validity Period**

- 12.4 The Client will make its best effort to complete the negotiations and award the contract within the proposal's validity period. However, should the need arise, the Client may request, in writing, all Consultants who submitted Proposals prior to the submission deadline to extend the Proposals' validity.

- 12.5 If the Consultant agrees to extend the validity of its Proposal, it shall be done without any change in the original Proposal and with the confirmation of the availability of the Key Experts, except as provided in ITC 12.7.

- 12.6 The Consultant has the right to refuse to extend the validity of its Proposal in which case such Proposal will

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not be further evaluated.

**b. Substitution of  
Key Experts at  
Validity Extension**

12.7 If any of the Key Experts become unavailable for the extended validity period, the Consultant shall seek to substitute another Key Expert. The Consultant shall provide a written adequate justification and evidence satisfactory to the Client together with the substitution request. In such case, a substitute Key Expert shall have equal or better qualifications and experience than those of the originally proposed Key Expert. The technical evaluation score, however, will remain to be based on the evaluation of the CV of the original Key Expert.

12.8 If the Consultant fails to provide a substitute Key Expert with equal or better qualifications, or if the provided reasons for the replacement or justification are unacceptable to the Client, such Proposal will be rejected with the prior Bank's no objection.

**c. Sub-  
Contracting**

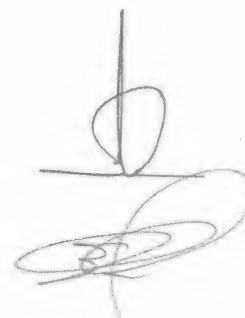
12.9 The Consultant shall not subcontract the whole of the Services.

**13. Clarification and  
Amendment of  
RFP**

13.1 The Consultant may request a clarification of any part of the RFP during the period indicated in the **Data Sheet** before the Proposals' submission deadline. Any request for clarification must be sent in writing, or by standard electronic means, to the Client's address indicated in the **Data Sheet**. The Client will respond in writing, or by standard electronic means, and will send written copies of the response (including an explanation of the query but without identifying its source) to all shortlisted Consultants. Should the Client deem it necessary to amend the RFP as a result of a clarification, it shall do so following the procedure described below:

13.1.1 At any time before the proposal submission deadline, the Client may amend the RFP by issuing an amendment in writing or by standard electronic means. The amendment shall be sent to all shortlisted Consultants and will be binding on them. The shortlisted Consultants shall acknowledge receipt of all amendments in writing.

13.1.2 If the amendment is substantial, the Client may extend the proposal submission deadline to give the shortlisted Consultants reasonable time to take an amendment into account in their Proposals.





- 13.2 The Consultant may submit a modified Proposal or a modification to any part of it at any time prior to the proposal submission deadline. No modifications to the Technical or Financial Proposal shall be accepted after the deadline.

**14. Preparation of  
Proposals Specific  
Considerations**

- 14.1 While preparing the Proposal, the Consultant must give particular attention to the following:

14.1.1 If a shortlisted Consultant considers that it may enhance its expertise for the assignment by associating with other consultants in the form of a Joint Venture or as Sub-consultants, it may do so with either (a) non-shortlisted Consultant(s), or (b) shortlisted Consultants if permitted in the **Data Sheet**. In all such cases a shortlisted Consultant must obtain the written approval of the Client prior to the submission of the Proposal. When associating with non-shortlisted firms in the form of a joint venture or a sub-consultancy, the shortlisted Consultant shall be a lead member. If shortlisted Consultants associate with each other, any of them can be a lead member.

14.1.2 The Client may indicate in the **Data Sheet** the estimated Key Experts' time input (expressed in person-month) or the Client's estimated total cost of the assignment, but not both. This estimate is indicative and the Proposal shall be based on the Consultant's own estimates for the same.

14.1.3 If stated in the **Data Sheet**, the Consultant shall include in its Proposal at least the same time input (in the same unit as indicated in the **Data Sheet**) of Key Experts, failing which the Financial Proposal will be adjusted for the purpose of comparison of proposals and decision for award in accordance with the procedure in the **Data Sheet**.

14.1.4 For assignments under the Fixed-Budget selection method, the estimated Key Experts' time input is not disclosed. Total available budget, with an indication whether it is inclusive or exclusive of taxes, is given in the **Data Sheet**, and the Financial Proposal shall not exceed this budget.

**15. Technical**

- 15.1 The Technical Proposal shall be prepared using the

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**Proposal Format and Content**

Standard Forms provided in Section 3 of the RFP and shall comprise the documents listed in the **Data Sheet**. The Technical Proposal shall not include any financial information. A Technical Proposal containing material financial information shall be declared non-responsive.

15.1.1 Consultant shall not propose alternative Key Experts. Only one CV shall be submitted for each Key Expert position. Failure to comply with this requirement will make the Proposal non-responsive.

15.2 Depending on the nature of the assignment, the Consultant is required to submit a Full Technical Proposal (FTP), or a Simplified Technical Proposal (STP) as indicated in the **Data Sheet** and using the Standard Forms provided in Section 3 of the RFP.

**16. Financial Proposal**

16.1 The Financial Proposal shall be prepared using the Standard Forms provided in Section 4 of the RFP. It shall list all costs associated with the assignment, including (a) remuneration for Key Experts and Non-Key Experts, (b) reimbursable expenses indicated in the **Data Sheet**.

**a. Price Adjustment**

16.2 For assignments with a duration exceeding 18 months, a price adjustment provision for foreign and/or local inflation for remuneration rates applies if so stated in the **Data Sheet**.

**b. Taxes**

16.3 The Consultant and its Sub-consultants and Experts are responsible for meeting all tax liabilities arising out of the Contract unless stated otherwise in the **Data Sheet**. Information on taxes in the Client's country is provided in the **Data Sheet**.

**c. Currency of Proposal**

16.4 The Consultant may express the price for its Services in the currency or currencies as stated in the **Data Sheet**. If indicated in the **Data Sheet**, the portion of the price representing local cost shall be stated in the national currency.

**d. Currency of Payment**

16.5 Payment under the Contract shall be made in the currency or currencies in which the payment is requested in the Proposal.

**C. Submission, Opening and Evaluation****17. Submission,**

17.1 The Consultant shall submit a signed and complete

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**Sealing, and  
Marking of  
Proposals**

Proposal comprising the documents and forms in accordance with ITC 10 (Documents Comprising Proposal). Consultants shall mark as "CONFIDENTIAL" information in their Proposals which is confidential to their business. This may include proprietary information, trade secrets or commercial or financially sensitive information. The submission can be done by mail or by hand. If specified in the **Data Sheet**, the Consultant has the option of submitting its Proposals electronically.

- 17.2 An authorized representative of the Consultant shall sign the original submission letters in the required format for both the Technical Proposal and, if applicable, the Financial Proposal and shall initial all pages of both. The authorization shall be in the form of a written power of attorney attached to the Technical Proposal.

17.2.1 A Proposal submitted by a Joint Venture shall be signed by all members so as to be legally binding on all members, or by an authorized representative who has a written power of attorney signed by each member's authorized representative.

- 17.3 Any modifications, revisions, interlineations, erasures, or overwriting shall be valid only if they are signed or initialed by the person signing the Proposal.

- 17.4 The signed Proposal shall be marked "ORIGINAL", and its copies marked "COPY" as appropriate. The number of copies is indicated in the **Data Sheet**. All copies shall be made from the signed original. If there are discrepancies between the original and the copies, the original shall prevail.

- 17.5 The original and all the copies of the Technical Proposal shall be placed inside a sealed envelope clearly marked "TECHNICAL PROPOSAL", "[Name of the Assignment]", [reference number], [name and address of the Consultant], and with a warning "DO NOT OPEN UNTIL [INSERT THE DATE AND THE TIME OF THE TECHNICAL PROPOSAL SUBMISSION DEADLINE]."

- 17.6 Similarly, the original Financial Proposal (if required for the applicable selection method) and its copies shall be placed inside of a separate sealed envelope clearly marked "FINANCIAL PROPOSAL", "[Name of the Assignment]", [reference number], [name and address of the Consultant].

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and with a warning "DO NOT OPEN WITH THE TECHNICAL PROPOSAL."

17.7 The sealed envelopes containing the Technical and Financial Proposals shall be placed into one outer envelope and sealed. This outer envelope shall be addressed to the Client and bear the submission address, RFP reference number, the name of the assignment, the Consultant's name and the address, and shall be clearly marked "Do Not Open Before [insert the time and date of the submission deadline indicated in the **Data Sheet**]".

17.8 If the envelopes and packages with the Proposal are not sealed and marked as required, the Client will assume no responsibility for the misplacement, loss, or premature opening of the Proposal.


17.9 The Proposal or its modifications must be sent to the address indicated in the **Data Sheet** and received by the Client no later than the deadline indicated in the **Data Sheet**, or any extension to this deadline. Any Proposal or its modification received by the Client after the deadline shall be declared late and rejected, and promptly returned unopened.

#### 18. Confidentiality

18.1 From the time the Proposals are opened to the time the Contract is awarded, the Consultant should not contact the Client on any matter related to its Technical and/or Financial Proposal. Information relating to the evaluation of Proposals and award recommendations shall not be disclosed to the Consultants who submitted the Proposals or to any other party not officially concerned with the process, until the Notification of Intention to Award the Contract. Exceptions to this ITC are where the Client notifies Consultants of the results of the evaluation of the Technical Proposals.

18.2 Any attempt by shortlisted Consultants or anyone on behalf of the Consultant to influence improperly the Client in the evaluation of the Proposals or Contract award decisions may result in the rejection of its Proposal, and may be subject to the application of prevailing Bank's sanctions procedures.

18.3 Notwithstanding the above provisions, from the time of the Proposals' opening to the time of Contract award publication, if a Consultant wishes to contact the Client or the Bank on any matter related to the selection process, it

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shall do so only in writing.

**19. Opening of  
Technical  
Proposals**

19.1 The Client's evaluation committee shall conduct the opening of the Technical Proposals in the presence of the shortlisted Consultants' authorized representatives who choose to attend (in person, or online if this option is offered in the **Data Sheet**). The opening date, time and the address are stated in the **Data Sheet**. The envelopes with the Financial Proposal shall remain sealed and shall be securely stored with a reputable public auditor or independent authority until they are opened in accordance with ITC 23.

19.2 At the opening of the Technical Proposals the following shall be read out: (i) the name and the country of the Consultant or, in case of a Joint Venture, the name of the Joint Venture, the name of the lead member and the names and the countries of all members; (ii) the presence or absence of a duly sealed envelope with the Financial Proposal; (iii) any modifications to the Proposal submitted prior to proposal submission deadline; and (iv) any other information deemed appropriate or as indicated in the **Data Sheet**.

**20. Proposals  
Evaluation**

20.1 Subject to provision of ITC 15.1, the evaluators of the Technical Proposals shall have no access to the Financial Proposals until the technical evaluation is concluded and the Bank issues its "no objection", if applicable.

20.2 The Consultant is not permitted to alter or modify its Proposal in any way after the proposal submission deadline except as permitted under ITC 12.7. While evaluating the Proposals, the Client will conduct the evaluation solely on the basis of the submitted Technical and Financial Proposals.

**21. Evaluation of  
Technical  
Proposals**

21.1 The Client's evaluation committee shall evaluate the Technical Proposals on the basis of their responsiveness to the Terms of Reference and the RFP, applying the evaluation criteria, sub-criteria, and point system specified in the **Data Sheet**. Each responsive Proposal will be given a technical score. A Proposal shall be rejected at this stage if it does not respond to important aspects of the RFP or if it fails to achieve the minimum technical score indicated in the **Data Sheet**.

**22. Financial  
Proposals for**

22.1 Following the ranking of the Technical Proposals, when the selection is based on quality only (QBS), the top-ranked

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**QBS**

Consultant is invited to negotiate the Contract.

22.2 If Financial Proposals were invited together with the Technical Proposals, only the Financial Proposal of the technically top-ranked Consultant is opened by the Client's evaluation committee. All other Financial Proposals are returned unopened after the Contract negotiations are successfully concluded and the Contract is signed.

**23. Public Opening of  
Financial  
Proposals (for  
QCBS, FBS, and  
LCS methods)**

23.1 After the technical evaluation is completed and the Bank has issued its no objection (if applicable), the Client shall notify those Consultants whose Proposals were considered non-responsive to the RFP and TOR or did not meet the minimum qualifying technical score, advising them the following:

- (i) their Proposal was not responsive to the RFP and TOR or did not meet the minimum qualifying technical score;
- (ii) provide information relating to the Consultant's overall technical score, as well as scores obtained for each criterion and sub-criterion;
- (iii) their Financial Proposals will be returned unopened after completing the selection process and Contract signing; and
- (iv) notify them of the date, time and location of the public opening of the Financial Proposals and invite them to attend.

23.2 The Client shall simultaneously notify in writing those Consultants whose Proposals were considered responsive to the RFP and TOR, and that have achieved the minimum qualifying technical score, advising them the following:

- (i) their Proposal was responsive to the RFP and TOR and met the minimum qualifying technical score;
- (ii) provide information relating to the Consultant's overall technical score, as well as scores obtained for each criterion and sub-criterion;
- (iii) their Financial Proposal will be opened at the public opening of Financial Proposals; and

- (iv) notify them of the date, time and location of the public opening and invite them for the opening of the Financial Proposals.

23.3 The opening date should allow the Consultants sufficient time to make arrangements for attending the opening and shall be no less than seven (7) Business Days from the date of notification of the results of the technical evaluation, described in ITC 23.1 and 23.2.

23.4 The Consultant's attendance at the opening of the Financial Proposals (in person, or online if such option is indicated in the **Data Sheet**) is optional and is at the Consultant's choice.

23.5 The Financial Proposals shall be opened publicly by the Client's evaluation committee in the presence of the representatives of the Consultants and anyone else who chooses to attend. Any interested party who wishes to attend this public opening should contact the client as indicated in the **Data Sheet**. Alternatively, a notice of the public opening of Financial Proposals may be published on the Client's website, if available. At the opening, the names of the Consultants, and the overall technical scores, including the break-down by criterion, shall be read aloud. The Financial Proposals will then be inspected to confirm that they have remained sealed and unopened. These Financial Proposals shall be then opened, and the total prices read aloud and recorded. Copies of the record shall be sent to all Consultants who submitted Proposals and to the Bank.

#### 24. Correction of Errors

##### a. Time-Based Contracts

24.1 Activities and items described in the Technical Proposal but not priced in the Financial Proposal, shall be assumed to be included in the prices of other activities or items, and no corrections are made to the Financial Proposal.

24.1.1 If a Time-Based contract form is included in the RFP, the Client's evaluation committee will (a) correct any computational or arithmetical errors, and (b) adjust the prices if they fail to reflect all inputs included for the respective activities or items included in the Technical Proposal. In case of discrepancy between (i) a partial amount (sub-total) and the total amount, or (ii) between the amount derived by multiplication of unit price with quantity and the total price, or (iii) between words and figures, the former will prevail. In case

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of discrepancy between the Technical and Financial Proposals in indicating quantities of input, the Technical Proposal prevails and the Client's evaluation committee shall correct the quantification indicated in the Financial Proposal so as to make it consistent with that indicated in the Technical Proposal, apply the relevant unit price included in the Financial Proposal to the corrected quantity, and correct the total Proposal cost.

**b. Lump-Sum Contracts**

24.1.2 If a Lump-Sum contract form is included in the RFP, the Consultant is deemed to have included all prices in the Financial Proposal, so neither arithmetical corrections nor price adjustments shall be made. The total price, net of taxes understood as per ITC 25, specified in the Financial Proposal (Form FIN-1) shall be considered as the offered price. Where there is a discrepancy between the amount in words and the amount figures, the amount in words shall prevail.

**25. Taxes**

25.1 The Client's evaluation of the Consultant's Financial Proposal shall exclude taxes and duties in the Client's country in accordance with the instructions in the **Data Sheet**.

**26. Conversion to Single Currency**

26.1 For the evaluation purposes, prices shall be converted to a single currency using the selling rates of exchange, source and date indicated in the **Data Sheet**.

**27. Combined Quality and Cost Evaluation**

**a. Quality and Cost-Based Selection (QCBS)**

27.1 In the case of QCBS, the total score is calculated by weighting the technical and financial scores and adding them as per the formula and instructions in the **Data Sheet**. The Consultant with the Most Advantageous Proposal, which is the Proposal that achieves the highest combined technical and financial scores, will be invited for negotiations.

**b. Fixed-Budget Selection (FBS)**

27.2 In the case of FBS, those Proposals that exceed the budget indicated in ITC 14.1.4 of the **Data Sheet** shall be rejected.

27.3 The Client will select the Consultant with the Most



Advantageous Proposal, which is the highest-ranked Technical Proposal that does not exceed the budget indicated in the RFP, and invite such Consultant to negotiate the Contract.

**c. Least-Cost Selection**

- 27.4 In the case of Least-Cost Selection (LCS), the Client will select the Consultant with the Most Advantageous Proposal, which is the Proposal with the lowest evaluated total price among those Proposals that achieved the minimum qualifying technical score, and invite such a Consultant to negotiate the Contract.

**D. Negotiations and Award**

**28. Negotiations**

- 28.1 The negotiations will be held at the date and address indicated in the Data Sheet with the Consultant's representative(s) who must have written power of attorney to negotiate and sign a Contract on behalf of the Consultant.

- 28.2 The Client shall prepare minutes of negotiations that are signed by the Client and the Consultant's authorized representative.

**a. Availability of Key Experts**

- 28.3 The invited Consultant shall confirm the availability of all Key Experts included in the Proposal as a pre-requisite to the negotiations, or, if applicable, a replacement in accordance with ITC 12. Failure to confirm the Key Experts' availability may result in the rejection of the Consultant's Proposal and the Client proceeding to negotiate the Contract with the next-ranked Consultant.

- 28.4 Notwithstanding the above, the substitution of Key Experts at the negotiations may be considered if due solely to circumstances outside the reasonable control of and not foreseeable by the Consultant, including but not limited to death or medical incapacity. In such case, the Consultant shall offer a substitute Key Expert within the period of time specified in the letter of invitation to negotiate the Contract, who shall have equivalent or better qualifications and experience than the original candidate.

**b. Technical Negotiations**

- 28.5 The negotiations include discussions of the Terms of Reference (TORs), the proposed methodology, the Client's inputs, the special conditions of the Contract, and finalizing the "Description of Services" part of the Contract. These discussions shall not substantially alter the original scope

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of services under the TOR or the terms of the contract, lest the quality of the final product, its price, or the relevance of the initial evaluation be affected.

**c. Financial Negotiations**

28.6 The negotiations include the clarification of the Consultant's tax liability in the Client's country and how it should be reflected in the Contract.

28.7 If the selection method included cost as a factor in the evaluation, the total price stated in the Financial Proposal for a Lump-Sum contract shall not be negotiated.

28.8 In the case of a Time-Based contract, unit rates negotiations shall not take place, except when the offered Key Experts and Non-Key Experts' remuneration rates are much higher than the typically charged rates by consultants in similar contracts. In such case, the Client may ask for clarifications and, if the fees are very high, ask to change the rates after consultation with the Bank. The format for (i) providing information on remuneration rates in the case of Quality Based Selection; and (ii) clarifying remuneration rates' structure under this Clause, is provided in Appendix A to the Financial Form FIN-3: Financial Negotiations – Breakdown of Remuneration Rates.

**29. Conclusion of Negotiations**

29.1 The negotiations are concluded with a review of the finalized draft Contract, which then shall be initialed by the Client and the Consultant's authorized representative.

29.2 If the negotiations fail, the Client shall inform the Consultant in writing of all pending issues and disagreements and provide a final opportunity to the Consultant to respond. If disagreement persists, the Client shall terminate the negotiations informing the Consultant of the reasons for doing so. After having obtained the Bank's no objection, the Client will invite the next-ranked Consultant to negotiate a Contract. Once the Client commences negotiations with the next-ranked Consultant, the Client shall not reopen the earlier negotiations.

**30. Standstill Period**

30.1 The Contract shall not be awarded earlier than the expiry of the Standstill Period. The Standstill Period shall be ten (10) Business Days unless extended in accordance with ITC 33. The Standstill Period commences the day after the date the Client has transmitted to each Consultant (that has not already been notified that it has been unsuccessful) the Notification of Intention to Award the Contract. Where only one Proposal is submitted, or if this contract is in

response to an emergency situation recognized by the Bank, the Standstill Period shall not apply.

**31. Notification of Intention to Award**

31.1 The Client shall send to each Consultant (that has not already been notified that it has been unsuccessful) the Notification of Intention to Award the Contract to the successful Consultant. The Notification of Intention to Award shall contain, at a minimum, the following information:


- (a) the name and address of the Consultant with whom the client successfully negotiated a contract;
- (b) the contract price of the successful Proposal;
- (c) the names of all Consultants included in the short list, indicating those that submitted Proposals;
- (d) where the selection method requires, the price offered by each Consultant as read out and as evaluated;
- (e) the overall technical scores and scores assigned for each criterion and sub-criterion to each Consultant;
- (f) the final combined scores and the final ranking of the Consultants;
- (g) a statement of the reason(s) why the recipient's Proposal was unsuccessful, unless the combined score in (f) above already reveals the reason;
- (h) the expiry date of the Standstill Period; and
- (i) instructions on how to request a debriefing and/or submit a complaint during the Standstill Period.

**32. Notification of Award**

32.1 Upon expiry of the Standstill Period, specified in ITC 30.1 or any extension thereof, and upon satisfactorily addressing any complaint that has been filed within the Standstill Period, the Client shall, send a notification of award to the successful Consultant, confirming the Client's intention to award the Contract to the successful Consultant and requesting the successful Consultant to sign and return the draft negotiated Contract within eight (8) Business Days from the date of receipt of such notification. If specified in the **Data Sheet**, the client shall simultaneously request the successful Consultant to submit, within eight (8) Business Days, the Beneficial Ownership Disclosure Form.

Contract Award Notice

Within ten (10) Business Days from the date of notification

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of award such request, the Client shall publish the Contract Award Notice which shall contain, at a minimum, the following information:

- (a) name and address of the Client;
- (b) name and reference number of the contract being awarded, and the selection method used;
- (c) names of the consultants that submitted proposals, and their proposal prices as read out at financial proposal opening, and as evaluated;
- (d) names of all Consultants whose Proposals were rejected or were not evaluated, with the reasons therefor;
- (e) the name of the successful consultant, the final total contract price, the contract duration and a summary of its scope; and,
- (f) successful Consultant's Beneficial Ownership Disclosure Form, if specified in Data Sheet ITC 32.1.

32.2 The Contract Award Notice shall be published on the Client's website with free access if available, or in at least one newspaper of national circulation in the Client's Country, or in the official gazette. The Client shall also publish the contract award notice in UNDB online

**33. Debriefing by the Client**

33.1 On receipt of the Client's Notification of Intention to Award referred to in ITC 31.1, an unsuccessful Consultant has three (3) Business Days to make a written request to the Client for a debriefing. The Client shall provide a debriefing to all unsuccessful Consultants whose request is received within this deadline.

33.2 Where a request for debriefing is received within the deadline, the Client shall provide a debriefing within five (5) Business Days, unless the Client decides, for justifiable reasons, to provide the debriefing outside this timeframe. In that case, the standstill period shall automatically be extended until five (5) Business Days after such debriefing is provided. If more than one debriefing is so delayed, the standstill period shall not end earlier than five (5) Business Days after the last debriefing takes place. The Client shall promptly inform, by the quickest means available, all Consultants of the extended standstill period

33.3 Where a request for debriefing is received by the Client

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later than the three (3)-Business Day deadline, the Client should provide the debriefing as soon as practicable, and normally no later than fifteen (15) Business Days from the date of publication of Public Notice of Award of contract. Requests for debriefing received outside the three (3)-day deadline shall not lead to extension of the standstill period.

33.4 Debriefings of unsuccessful Consultants may be done in writing or verbally. The Consultants shall bear their own costs of attending such a debriefing meeting.

**34. Signing of Contract**

34.1 The Contract shall be signed prior to the expiration of the Proposal Validity Period and promptly after expiry of the Standstill Period, specified in ITC 30.1 or any extension thereof, and upon satisfactorily addressing any complaint that has been filed within the Standstill Period.

34.2 The Consultant is expected to commence the assignment on the date and at the location specified in the **Data Sheet**.

**35. Procurement Related Complaint**

35.1 The procedures for making a Procurement-related Complaint are as specified in the **Data Sheet**.

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## Section 2. Instructions to Consultants

## E. Data Sheet

ITC Reference	A. General
1 (b)	Islamic Republic of Pakistan
2.1	<b>Name of the Client:</b> Sindh Mass Transit Authority <b>Method of selection:</b> Quality and Cost Based Selection (QCBS) as per the Procurement Regulations (available on <a href="http://www.worldbank.org">www.worldbank.org</a> )
2.2	<b>Financial Proposal to be submitted together with Technical Proposal:</b> Yes <b>The name of the assignment is:</b> Consulting Services for Preparation of Detailed Design, Procurement Support and Construction Supervision for Karachi Mobility Project (Yellow BRT)
2.3	<b>A pre-proposal conference will be held:</b> Yes Date of pre-proposal conference: _____ Time: _____ Address: House # D-43; Block 2; Scheme No. 5; Kehkashan, Clifton, Karachi, Pakistan Telephone: _____ E-mail: <a href="mailto:kmp.infra.smta@gmail.com">kmp.infra.smta@gmail.com</a> <a href="mailto:pd.kmp.vlc@gmail.com">pd.kmp.vlc@gmail.com</a> Contact person/conference coordinator: <i>/insert name and title/</i> _____
2.4	<b>The Client will provide the following inputs, project data, reports, etc. to facilitate the preparation of the Proposals:</b> Preliminary Design drawings, Cost Estimates, Design Report, Environmental Impact Assessment (EIA) Report, Social Impact Assessment (SIA) Report, Compensation and Livelihood Rehabilitation Plan (CLRP) Report and Road Safety Audit Report for the Karachi Mobility Project [to be provided in the form of CD / USB]

Comment [H6]: To be inserted according to the issuance of date

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4.1	The data mentioned at 2.4 above has been prepared as a result of preparation of the preliminary design of the Yellow BRT corridor. This data will be available to all short-listed consultants. This is to warrant fairness and transparency throughout the procurement process.
6.3.1	A list of debarred firms and individuals is available at the Bank's external website: <a href="http://www.worldbank.org/debar">www.worldbank.org/debar</a>
<b>B. Preparation of Proposals</b>	
9.1	This RFP has been issued in the <b>English</b> language. Proposals shall be submitted in <b>English</b> language. All correspondence exchange shall be in <b>English</b> language.
10.1	<p>The Proposal shall comprise the following:</p> <p><b>1<sup>st</sup> Inner Envelope with the Technical Proposal:</b></p> <ul style="list-style-type: none"><li>(1) Power of Attorney to sign the Proposal</li><li>(2) TECH-1</li><li>(3) TECH-2</li><li>(4) TECH-3</li><li>(5) TECH-4</li><li>(6) TECH-5</li><li>(7) TECH-6</li><li>(8) TECH-7 Code of Conduct (ESHS) - The Consultant shall submit the Code of Conduct that will apply to the Consultant's Key Experts and Non-Key Experts, to ensure compliance with good/satisfactory Environmental, Social, Health and Safety (ESHS) practice. In addition, the Consultant shall submit an outline of how this Code of Conduct will be implemented. The successful Consultant shall be required to implement the agreed Code of Conduct upon contract award.</li></ul> <p>AND</p> <p><b>2<sup>nd</sup> Inner Envelope with the Financial Proposal:</b></p> <ul style="list-style-type: none"><li>(1) FIN-1</li><li>(2) FIN-2</li><li>(3) FIN-3</li></ul>

	(4) FIN-4 (5) Statement of Undertaking (if required under Data Sheet 10.2 below)
10.2	<b>Statement of Undertaking is required</b> Yes
11.1	<b>Participation of Sub-consultants, Key Experts and Non-Key Experts in more than one Proposal is permissible</b> No
12.1	Proposals must remain valid for <b>150</b> calendar days after the proposal submission deadline.
13.1	<b>Clarifications may be requested no later than 14 calendar days prior to the submission deadline.</b> The contact information for requesting clarifications is: Project Director (Karachi Mobility Project) Sindh Mass Transit Authority Transport & Mass Transit Department, Government of Sindh House # D-43; Block 2; Scheme No. 5; Kehkashan, Clifton, Karachi, Pakistan E-mail: <a href="mailto:kmp.infra.smta@gmail.com">kmp.infra.smta@gmail.com</a> <a href="mailto:pd.kmp.vlc@gmail.com">pd.kmp.vlc@gmail.com</a>
14.1.1	<b>Shortlisted Consultants may associate with</b> (a) <b>non-shortlisted consultant(s):</b> No <b>Or</b> (b) <b>other shortlisted Consultants:</b> No The consultant firm (along with their JV partners or sub-consultants) may not change their consortium firms at this stage.
14.1.2	<b>Estimated input of Key Experts' time-input:</b> 203 person-month
14.1.3	<b>The Consultant's Proposal must include <u>the minimum</u> Key Experts'</b>



	<p><b>time-input of:</b></p> <p>203 person-month</p> <p><b>For the evaluation and comparison of Proposals only:</b></p> <p>If a Proposal includes less than the required minimum time-input, the missing time-input (expressed in person-month) is calculated as follows:</p> <p>The missing time-input is multiplied by the <u>highest</u> remuneration rate for a Key Expert in the Consultant's Proposal and <u>added</u> to the total remuneration amount.</p> <p>Proposals that quoted higher than the required minimum of time-input will <u>not</u> be adjusted.</p>
14.1.4 and 27.2	Not applicable
15.2	<p>The format of the Technical Proposal to be submitted is: <b>FTP</b>.</p> <p>Submission of the Technical Proposal in a wrong format <u>may</u> lead to the Proposal being deemed <u>non-responsive</u> to the RFP requirements.</p>
16.1	<ol style="list-style-type: none"> <li>(1) a per diem allowance, including accommodation, for experts for every day of absence from the home office for the purposes of the Services;</li> <li>(2) cost of international travel by the most appropriate means of transport and the most direct practicable route;</li> <li>(3) cost of local transportation;</li> <li>(3) cost of office accommodation, including overheads and back-stop support, excluding the facilities at construction sites and laboratory;</li> <li>(4) communications costs;</li> <li>(5) cost of purchase or rent or freight of any equipment required to be provided by the Consultants;</li> <li>(6) cost of reports production (including printing) and delivering to the Client;</li> <li>(7) other allowances where applicable and provisional or fixed sums (if any)</li> </ol>
16.2	<p><b>A price adjustment provision applies to remuneration rates:</b></p> <p>Yes (applicable only for the <b>Phase 2</b> of the assignment - supervision), for local inflation.</p>

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16.3	Information on the Consultant's tax obligations in the Client's country can be found at Federal Board of Revenue [ <a href="https://www.fbr.gov.pk">https://www.fbr.gov.pk</a> ] and Sindh Revenue Board [ <a href="https://www.srb.gos.pk">https://www.srb.gos.pk</a> ]
16.4	<p><b>The Financial Proposal shall be stated in the following currencies:</b></p> <p>Consultant may express the price for their Services, inclusive of all direct &amp; indirect taxes applicable in the Client's Country, in any fully convertible currency, singly or in combination of up to three foreign currencies.</p> <p><b>The Financial Proposal should state local costs in the Client's country currency (local currency):</b></p> <p>Yes</p>
<b>C. Submission, Opening and Evaluation</b>	
17.1	The Consultants shall not have the option of submitting their Proposals electronically.
17.4	<p><b>The Consultant must submit:</b></p> <p>(a) <b>Technical Proposal:</b> one (1) original and two (2) copies, and one (1) scanned copy in pdf on a CD/USB ;</p> <p>(b) <b>Financial Proposal:</b> one (1) original.</p>
17.7 and 17.9	<p><b>The Proposals must be submitted no later than:</b></p> <p><b>Date:</b> _____</p> <p><b>Time:</b> 14:00 local time</p> <p><b>The Proposal submission address is:</b></p> <p>Sindh Mass Transit Authority Transport &amp; Mass Transit Department, Government of Sindh House # D-43: Block 2: Scheme No. 5: Kehkashan, Clifton, Karachi, Pakistan</p>
19.1	<p><b>An online option of the opening of the Technical Proposals is offered:</b></p> <p>No</p> <p><b>The opening shall take place at:</b></p> <p>Sindh Mass Transit Authority Transport &amp; Mass Transit Department, Government of Sindh</p>

**Comment [H7]:** 60 days from date of issuance shortlisted consultants

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	<p>House # D-43; Block 2; Scheme No. 5; Kehkashan, Clifton, Karachi, Pakistan</p> <p><b>Date:</b> same as the submission deadline indicated in 17.7.</p> <p><b>Time:</b> 14:30 local time</p>
19.2	<p>In addition, the following information will be read aloud at the opening of the Technical Proposals: N/A</p>
21.1	<p>Criteria, sub-criteria, and point system for the evaluation of the Full Technical Proposals:</p> <p><b>The Technical Evaluation would be carried out considering the two distinct Phases of the Project. The Consultants would be required to qualify both the Phases by meeting the minimum qualification points.</b></p>
	<p><b><u>Phase 1: Design and Procurement Support Services</u></b></p> <p>I. <span style="float: right;">Specific</span> Experience of the Consultant: 10 Points</p> <p>II. <span style="float: right;">Adequacy and quality of the proposed methodology, and work plan in responding to the Terms of Reference (Design): 30 Points</span>  <i>[Notes to Consultant: the Client will assess whether the proposed methodology is clear, responds to the TORs, work plan is realistic and implementable; overall team composition is balanced and has an appropriate skills mix; and the work plan has right input of Experts]</i></p> <p>III. <b>Key Experts' qualifications and competence for the Assignment:</b>  <i>[Notes to Consultant: each position number corresponds to the same for the Key Experts in Form TECH-6 to be prepared by the Consultant]</i> <ul style="list-style-type: none"> <li>a) Team Leader Design (Urban Road &amp; BRT System Expert): 20 Points</li> <li>b) Senior BRT Design Expert: 10 Points</li> <li>c) Senior Structural Bridge Engineer: 10 points</li> <li>d) Senior Pavement Engineer: 10 points</li> <li>e) Procurement Specialist: 10 points</li> </ul> <p style="text-align: right;"><b>Total for criterion (III): 60 Points</b></p> <p>The number of points to be assigned to each of the above positions shall be determined considering the following three sub-criteria and relevant</p> </p>

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	<p>percentage weights:</p> <ol style="list-style-type: none"> <li>1) General qualifications (general education, training, and experience): 15%</li> <li>2) Adequacy for the Assignment (relevant education, training, experience in the sector/similar assignments): 75%</li> <li>3) Relevant experience in the region (working level fluency in local language(s)/knowledge of local culture or administrative system, government organization, etc.): 10 %</li> </ol> <p style="text-align: right;">Total weight: 100%</p> <p><b>Total for the Phase I (I+II+III): 100 Points</b></p> <p><b>Technical score required to pass the Phase I: 75 Points</b></p>
	<p><b><u>Phase 2: Construction Supervision</u></b></p> <p><b>IV. Specific Experience of the Consultant: 10 Points</b></p> <p><b>V. Adequacy and quality of the proposed methodology, and work plan in responding to the Terms of Reference (Supervision): 20 Points</b></p> <p><i>[Notes to Consultant: the Client will assess whether the proposed methodology is clear, responds to the TORs, work plan is realistic and implementable; overall team composition is balanced and has an appropriate skills mix; and the work plan has right input of Experts]</i></p> <p><b>VI. Key Experts' qualifications and competence for the Assignment:</b></p> <p><i>[Notes to Consultant: each position number corresponds to the same for the Key Experts in Form TECH-6 to be prepared by the Consultant]</i></p> <ol style="list-style-type: none"> <li>a) Chief Resident Engineer (CRE): 25 Points</li> <li>b) Resident Engineer (Bus Depots + Jam Sadiq Bridge): 15 Points</li> <li>c) Resident Engineer (Civil Works): 15 points</li> <li>d) Senior Contract Management Expert: 15 Points</li> </ol> <p style="text-align: right;"><b>Total points for criterion (VI): 70</b></p> <p>The number of points to be assigned to each of the above positions shall be determined considering the following three sub-criteria and relevant percentage weights:</p> <ol style="list-style-type: none"> <li>1) General qualifications (general education, training, and experience): 15 %</li> <li>2) Adequacy for the Assignment (relevant education, training, experience in the sector/similar assignments) 75%</li> <li>3) Relevant experience in the region (working level fluency in local</li> </ol>

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	<p>language(s)/knowledge of local culture or administrative system, government organization, etc 10 %</p> <p>Total weight: 100%</p> <p><b>Total for the Construction Phase (IV+V+VI): 100 Points</b></p> <p><b>Technical score required to pass the Construction Phase: 75 Points</b></p>
	<p><b>Minimum technical score (St) required to pass: 75% each of Phase 1 &amp; 2</b></p>
23.4	<p><b>An online option of the opening of the Financial Proposals is offered:</b></p> <p>No</p>
23.5	<p>Following the completion of the evaluation of the Technical Proposals, the Client will notify all Consultants of the location, date and time of the public opening of Financial Proposals.</p> <p>Any interested party who wishes to attend this public opening should contact:</p> <p>Project Director (Karachi Mobility Project) Sindh Mass Transit Authority Transport &amp; Mass Transit Department, Government of Sindh House # D-43: Block 2: Scheme No. 5: Kehkashan, Clifton, Karachi, Pakistan</p> <p>E-mail: <a href="mailto:pd.kmp.vlc@gmail.com">pd.kmp.vlc@gmail.com</a> <a href="mailto:kmp.infra.smta@gmail.com">kmp.infra.smta@gmail.com</a></p> <p>and request to be notified of the location, date and time of the public opening of Financial Proposals. The request should be made before the deadline for submission of Proposals, stated above.</p>
25.1	<p>For the purpose of the evaluation, the Client will exclude:</p> <p>(a) all local identifiable indirect taxes such as sales tax, excise tax, VAT, or similar taxes levied on the contract's invoices; and (b) all additional local indirect tax on the remuneration of services rendered by non-resident experts in the Client's country. If a Contract is awarded, at Contract negotiations, all such taxes will be discussed, finalized (using the itemized list as a guidance but not limiting to it) and added to the Contract amount as a separate line, also indicating which taxes shall be paid by the Consultant and which taxes are withheld and paid by the Client on behalf of the Consultant.</p>

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26.1	<p>The single currency for the conversion of all prices expressed in various currencies into a single one is <b>USD</b>.</p> <p>The official source of the selling (exchange) rate is: <b>State Bank of Pakistan</b></p> <p>The date of the exchange rate is: <b>seven (7) days</b> before the submission of proposals</p>
27.1 (QCBS only)	<p><b>The lowest evaluated Financial Proposal (Fm) is given the maximum financial score (Sf) of 100.</b></p> <p>The formula for determining the <b>financial scores (Sf)</b> of all other Proposals is calculated as following:</p> <p><math>Sf = 100 \times Fm / F</math>, in which "Sf" is the financial score, "Fm" is the lowest price, and "F" the price of the proposal under consideration.</p> <p>The weights given to the Technical (T) and Financial (P) Proposals are:</p> <p><b>T = 0.8</b>, and</p> <p><b>P = 0.2</b></p> <p>Proposals are ranked according to their combined technical (St) and financial (Sf) scores using the weights (T = the weight given to the Technical Proposal; P = the weight given to the Financial Proposal; T + P = 1) as following: <math>S = St \times T\% + Sf \times P\%</math>.</p>
<b>D. Negotiations and Award</b>	
28.1	<p><b>Expected date and address for contract negotiations:</b></p> <p><b>Date:</b> 21<sup>st</sup> December 2020</p> <p><b>Address:</b> Sindh Mass Transit Authority Government of Sindh House # D-43; Block 2; Scheme No. 5; Kehkashan, Clifton, Karachi, Pakistan</p>
32.1	The successful Consultant shall submit the Beneficial Ownership Disclosure Form.
34.2	<p><b>Expected date for the commencement of the Services:</b></p> <p><b>Date:</b> 1<sup>st</sup> January 2021 at Sindh Mass Transit Authority, Karachi, Pakistan</p>

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35.1

The procedures for making a Procurement-related Complaint are detailed in the "Procurement Regulations for IPF Borrowers (Annex III)." If a Consultant wishes to make a Procurement-related Complaint, the Consultant shall submit its complaint following these procedures. In Writing (by the quickest means available, such as by email or fax), to:

**For the attention:** Secretary (Transport & Mass Transit Department – Government of Sindh)

**Client:** Sindh Mass Transit Authority, Transport & Mass Transit Department, Government of Sindh

**Email address:** [secretarytransportsindh@gmail.com](mailto:secretarytransportsindh@gmail.com)

**Telephone number:** +92-21-99211017

In summary, a Procurement-related Complaint may challenge any of the following:

1. the terms of this Request for Proposal;
2. the Client's decision to exclude a Consultant from the procurement process prior to the award of contract; and
3. the Client's decision to award the contract.

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### Section 3. Technical Proposal – Standard Forms

[Notes to Consultant shown in brackets { } throughout Section 3 provide guidance to the Consultant to prepare the Technical Proposal; they should not appear on the Proposals to be submitted.]

#### CHECKLIST OF REQUIRED FORMS

Required for FTP or STP ✓		FORM	DESCRIPTION	Page Limit
FTP	STP			
✓	✓	TECH-1	Technical Proposal Submission Form.	2
✓ If applicable		TECH-1 Attachment	If the Proposal is submitted by a joint venture, attach a letter of intent or a copy of an existing agreement.	5
✓ If applicable		Power of Attorney	No pre-set format/form. In the case of a Joint Venture, several are required: a power of attorney for the authorized representative of each JV member, and a power of attorney for the representative of the lead member to represent all JV members	5
✓		TECH-2	Consultant's Organization and Experience.	20
✓		TECH-2A	A. Consultant's Organization	5
✓		TECH-2B	B. Consultant's Experience	15
✓		TECH-3	Comments or Suggestions on the Terms of Reference and on Counterpart Staff and Facilities to be provided by the Client.	10
✓		TECH-3A	A. On the Terms of Reference	5
✓		TECH-3B	B. On the Counterpart Staff and Facilities	5
✓	✓	TECH-4	Description of the Approach, Methodology, and Work Plan for Performing the Assignment	40
✓	✓	TECH-5	Work Schedule and Planning for Deliverables	3
✓	✓	TECH-6	Team Composition, Key Experts Inputs, and attached Curriculum Vitae (CV)	75
✓	✓	TECH-7	Code of Conduct (ESHS)	3

All pages of the original Technical and Financial Proposal shall be initialed by the same authorized representative of the Consultant who signs the Proposal.



# FORM TECH-1

## TECHNICAL PROPOSAL SUBMISSION FORM

{Location, Date}

To: Project Director (Karachi Mobility Project)  
Sindh Mass Transit Authority,  
Transport & Mass Transit Department, Government of Sindh

Dear Sirs:

We, the undersigned, offer to provide the consulting services for Consulting Services in Preparation of Detailed Design, Procurement Support and Construction Supervision for Yellow Bus Rapid Transit Corridor in accordance with your Request for Proposals (RFP) dated {Insert Date} and our Proposal. We are hereby submitting our Proposal, which includes this Technical Proposal and a Financial Proposal sealed in a separate envelope.

{If the Consultant is a joint venture, insert the following: We are submitting our Proposal a joint venture with: {Insert a list with full name and the legal address of each member, and indicate the lead member}. We have attached a copy {insert: "of our letter of intent to form a joint venture" or, if a JV is already formed, "of the JV agreement"} signed by every participating member, which details the likely legal structure of and the confirmation of joint and severable liability of the members of the said joint venture.

{OR

If the Consultant's Proposal includes Sub-consultants, insert the following: We are submitting our Proposal with the following firms as Sub-consultants: {Insert a list with full name and address of each Sub-consultant.}

We hereby declare that:

- (a) All the information and statements made in this Proposal are true and we accept that any misinterpretation or misrepresentation contained in this Proposal may lead to our disqualification by the Client and/or may be sanctioned by the Bank.
- (b) Our Proposal shall be valid and remain binding upon us for the period of time specified in the Data Sheet, ITC 12.1.
- (c) We have no conflict of interest in accordance with ITC 3.

- (d) We meet the eligibility requirements as stated in ITC 6, and we confirm our understanding of our obligation to abide by the Bank's policy in regard to Fraud and Corruption as per ITC 5.
- (e) We, along with any of our sub-consultants, subcontractors, suppliers, or service providers for any part of the contract, are not subject to, and not controlled by any entity or individual that is subject to, a temporary suspension or a debarment imposed by the World Bank Group or a debarment imposed by the World Bank Group in accordance with the Agreement for Mutual Enforcement of Debarment Decisions between the World Bank and other development banks. Further, we are not ineligible under the Client's country laws or official regulations or pursuant to a decision of the United Nations Security Council.
- (f) In competing for (and, if the award is made to us, in executing) the Contract, we undertake to observe the laws against fraud and corruption, including bribery, in force in the country of the Client.
- (g) Except as stated in the Data Sheet, ITC 12.7, we undertake to negotiate a Contract on the basis of the proposed Key Experts. We accept that the substitution of Key Experts for reasons other than those stated in ITC 12 and ITC 28.4 may lead to the termination of Contract negotiations.
- (h) Our Proposal is binding upon us and subject to any modifications resulting from the Contract negotiations.

We undertake, if our Proposal is accepted and the Contract is signed, to initiate the Services related to the assignment no later than the date indicated in ITC 34.2 of the Data Sheet.

We understand that the Client is not bound to accept any Proposal that the Client receives.

We remain,

Yours sincerely,

Signature (of Consultant's authorized representative) {In full and initials};

Full name: {insert full name of authorized representative}

Title: {insert title/position of authorized representative}

Name of Consultant (company's name or JV's name):

Capacity: {insert the person's capacity to sign for the Consultant}

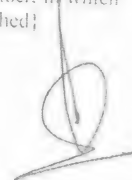
Address: {insert the authorized representative's address}

Phone/fax: {insert the authorized representative's phone and fax number, if applicable}

Email: {insert the authorized representative's email address}

The block contains several handwritten signatures and initials. At the top left, there are two distinct signatures. In the center, there are initials 'WYH' and a large, stylized signature. To the right of these, there is a signature that appears to be 'D'. Below the 'WYH' initials, there is another signature. At the bottom center, there is a signature that looks like 'JA'. To the right of this, there is a signature that looks like 'M'. The signatures are written in dark ink on a light background.

{For a joint venture, either all members shall sign or only the lead member, in which case the power of attorney to sign on behalf of all members shall be attached}

A handwritten signature consisting of a large, stylized 'S' or 'C' shape with a vertical line through it, and a horizontal line at the bottom.A collection of handwritten signatures and initials. At the top left is 'AM'. Below it is a large '72'. To the right of '72' is a signature that looks like 'B'. Above 'B' is a signature that looks like 'myd'. To the right of 'B' is a large, circular signature. Below '72' is a signature that looks like 'A'. Below the circular signature is a signature that looks like 'A'.

**FORM TECH-2 (FOR FULL TECHNICAL PROPOSAL ONLY)****CONSULTANT'S ORGANIZATION AND EXPERIENCE**

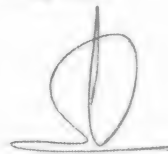
Form TECH-2: a brief description of the Consultant's organization and an outline of the recent experience of the Consultant that is most relevant to the assignment. In the case of a joint venture, information on similar assignments shall be provided for each partner. For each assignment, the outline should indicate the names of the Consultant's Key Experts and Sub-consultants who participated, the duration of the assignment, the contract amount (total and, if it was done in a form of a joint venture or a sub-consultancy, the amount paid to the Consultant), and the Consultant's role/involvement.

**A - Consultant's Organization**

1. Provide here a brief description of the background and organization of your company, and – in case of a joint venture – of each member for this assignment.
2. Include organizational chart, a list of Board of Directors, and beneficial ownership. *[If required under Data Sheet ITC 32.1, the successful Consultant shall provide additional information on beneficial ownership, using the Beneficial Ownership Disclosure Form.]*

**B - Consultant's Experience**

1. List only previous similar assignments successfully completed in the last 10 years.
2. List only those assignments for which the Consultant was legally contracted by the Client as a company or was one of the joint venture members. Assignments completed by the Consultant's individual experts working privately or through other consulting firms cannot be claimed as the relevant experience of the Consultant, or that of the Consultant's partners or sub-consultants, but can be claimed by the Experts themselves in their CVs. The Consultant should be prepared to substantiate the claimed experience by presenting copies of relevant documents and references if so requested by the Client.





Duration	Assignment name/& brief description of main deliverables/outputs	Name of Client & Country of Assignment	Approx. Contract value (in US\$ equivalent)/ Amount paid to your firm	Role on the Assignment
{e.g., Jan.2009–Apr.2010}	{e.g., "Improvement quality of..... designed master plan for rationalization of ....."}	{e.g., Ministry of ..... country}	{e.g., US\$1 mill/US\$0.5 mill}	{e.g., Lead partner in a JV A&B&C}
{e.g., Jan-May 2008}	{e.g., "Support to sub-national government..... drafted secondary level regulations on....."	{e.g., municipality of..... country}	{e.g., US\$0.2 mil/US\$0.2 mil}	{e.g., sole Consultant}

Handwritten signatures and initials at the bottom of the page:

- Signature 1: A stylized signature starting with 'A'.
- Signature 2: A signature with 'H' and 'M' above it.
- Signature 3: A signature starting with 'S'.
- Signature 4: A large, circular signature.
- Signature 5: A signature starting with 'S'.
- Signature 6: A signature starting with 'Z'.

**FORM TECH-3 (FOR FULL TECHNICAL PROPOSAL)**

**COMMENTS AND SUGGESTIONS ON THE TERMS OF REFERENCE, COUNTERPART STAFF, AND FACILITIES TO BE PROVIDED BY THE CLIENT**

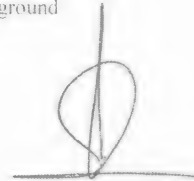
Form TECH-3: comments and suggestions on the Terms of Reference that could improve the quality/effectiveness of the assignment; and on requirements for counterpart staff and facilities, which are provided by the Client, including: administrative support, office space, local transportation, equipment, data, etc.

**A - On the Terms of Reference**

{improvements to the Terms of Reference, if any}

**B - On Counterpart Staff and Facilities**

{comments on counterpart staff and facilities to be provided by the Client. For example, administrative support, office space, local transportation, equipment, data, background reports, etc., if any}

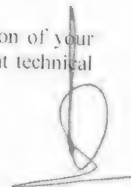


**FORM TECH-4 (FOR FULL TECHNICAL PROPOSAL ONLY)****DESCRIPTION OF APPROACH, METHODOLOGY, AND WORK PLAN IN  
RESPONDING TO THE TERMS OF REFERENCE**

Form TECH-4: a description of the approach, methodology and work plan for performing the assignment, including a detailed description of the proposed methodology and staffing for training, if the Terms of Reference specify training as a specific component of the assignment.

{Suggested structure of your Technical Proposal:

- a) Technical Approach and Methodology
  - b) Work Plan
  - c) Organization and Staffing
- a) **Technical Approach and Methodology.** {Please explain your understanding of the objectives of the assignment as outlined in the Terms of Reference (TORs), the technical approach, and the methodology you would adopt for implementing the tasks including the Environmental, Social (including sexual exploitation and abuse (SEA) and gender based violence (GBV)), Health and Safety (ESHS) aspects] to deliver the expected output(s), and the degree of detail of such output. Please do not repeat/copy the TORs in here.}
- b) **Work Plan.** {Please outline the plan for the implementation of the main activities/tasks of the assignment, their content and duration, phasing and interrelations, milestones (including interim approvals by the Client), and tentative delivery dates of the reports. The proposed work plan should be consistent with the technical approach and methodology, showing your understanding of the TOR and ability to translate them into a feasible working plan. A list of the final documents (including reports) to be delivered as final output(s) should be included here. The work plan should be consistent with the Work Schedule Form.}
- c) **Organization and Staffing.** {Please describe the structure and composition of your team, including the list of the Key Experts, Non-Key Experts and relevant technical and administrative support staff.}







FORM TECH-6

TEAM COMPOSITION, ASSIGNMENT, AND KEY EXPERTS' INPUTS

N <sup>o</sup>	Name	Expert's input (in person/month) per each Deliverable (listed in TECH-5)										Total time-input (in Months)		
		Position	D-1	D-2	D-3	.....	D-...	Home	Field	Total				
<b>KEY EXPERTS</b>														
K-1	(e.g., Mr. Abbbb)	[Team Leader]	[Home] [2 month] [Field] [0.5 m]	[1.0] [2.5]	[1.0] [0]									
K-2														
K-3														
n														
<b>NON-KEY EXPERTS</b>														
N-1		[Home] [Field]												
N-2														
n														
											Subtotal			
											Total			

1 For Key Experts, the input should be indicated individually for the same positions as required under the Data Sheet ITC21.1.

- 2 Months are counted from the start of the assignment/mobilization. One (1) month equals twenty two (22) working (billable) days. One working (billable) day shall be not less than eight (8) working (billable) hours.

- 3 "Home" means work in the office in the expert's country of residence. "Field" work means work carried out in the Client's country or any other country outside the expert's country of residence.



Full time input  
Part time input

**FORM TECH-6  
(CONTINUED)**

**CURRICULUM VITAE (CV)**

<b>Position Title and No.</b>	{e.g., K-1. TEAM LEADER;
<b>Name of Expert:</b>	{Insert full name;
<b>Date of Birth:</b>	{day/month/year;
<b>Country of Citizenship/Residence</b>	

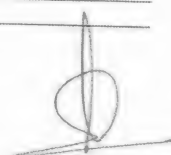
**Education:** {List college/university or other specialized education, giving names of educational institutions, dates attended, degree(s)/diploma(s) obtained;

**Employment record relevant to the assignment:** {Starting with present position, list in reverse order. Please provide dates, name of employing organization, titles of positions held, types of activities performed and location of the assignment, and contact information of previous clients and employing organization(s) who can be contacted for references. Past employment that is not relevant to the assignment does not need to be included.;

Period	Employing organization and your title/position. Contact information for references	Country	Summary of activities performed relevant to the Assignment
{e.g., May 2005-present}	{e.g., Ministry of ..... advisor/consultant to .....  For references: Tel...../e-mail ..... Mr Hbbbb, deputy minister}		

**Membership in Professional Associations and Publications:**

**Language Skills (indicate only languages in which you can work):**







**Adequacy for the Assignment:**

Detailed Tasks Assigned on Consultant's Team of Experts:	Reference to Prior Work/Assignments that Best Illustrates Capability to Handle the Assigned Tasks
{List all deliverables/tasks as in TECH- 5 in which the Expert will be involved}	

**Expert's contact information:** (e-mail ..... phone.....)

**Certification:**

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualifications, and my experience, and I am available, as and when necessary, to undertake the assignment in case of an award. I understand that any misstatement or misrepresentation described herein may lead to my disqualification or dismissal by the Client, and/or sanctions by the Bank.

Name of Expert \_\_\_\_\_ Signature \_\_\_\_\_ Date {day/month/year}

Name of authorized  
Representative of the Consultant  
(the same who signs the Proposal)

Signature

{day/month/year}

Date

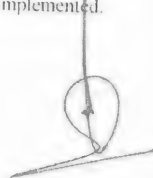


**FORM TECH-7**

**Code of Conduct  
Environmental, Social, Health and Safety (ESHS)**

The Consultant shall submit the Code of Conduct that will apply to the Consultant's Key Experts and Non-Key Experts, to ensure compliance with good Environmental, Social, Health and Safety (ESHS) practice as may be more fully described in the Term of Reference **described in Section 7**

The Consultant shall submit an outline of how the Code of Conduct will be implemented.



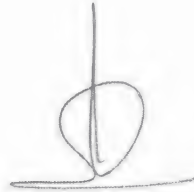
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#### Section 4. Financial Proposal - Standard Forms

[Notes to Consultant shown in brackets] provide guidance to the Consultant to prepare the Financial Proposals; they should not appear on the Financial Proposals to be submitted.]

Financial Proposal Standard Forms shall be used for the preparation of the Financial Proposal according to the instructions provided in Section 2.

- FIN-1 Financial Proposal Submission Form
- FIN-2 Summary of Costs
- FIN-3 Breakdown of Remuneration
- FIN-4 Reimbursable expenses



**FORM FIN-1**  
**FINANCIAL PROPOSAL SUBMISSION FORM**

{Location, Date}

To: Sindh Mass Transit Authority,  
 Transport & Mass Transit Department, Government of Sindh

Dear Sirs:

We, the undersigned, offer to provide the consulting services for Consulting Services in Preparation of Detailed Design, Procurement Support and Construction Supervision for Yellow Bus Rapid Transit Corridor in accordance with your Request for Proposal dated {Insert Date} and our Technical Proposal.

Our attached Financial Proposal is for the amount of {Indicate the corresponding to the amount(s) currency(ies)} {Insert amount(s) in words and figures}, excluding of all indirect local taxes in accordance with ITC 25.1 in the Data Sheet. The estimated amount of local indirect taxes is {Insert currency} {Insert amount in words and figures} which shall be confirmed or adjusted, if needed, during negotiations. {Please note that all amounts shall be the same as in Form FIN-2}.

Our Financial Proposal shall be valid and remain binding upon us, subject to the modifications resulting from Contract negotiations, for the period of time specified in the Data Sheet, ITC 12.1.

Commissions and gratuities paid or to be paid by us to an agent or any third party relating to preparation or submission of this Proposal and Contract execution, paid if we are awarded the Contract, are listed below:

Name and Address of Agents	Amount and Currency	Purpose of Commission or Gratuity

{If no payments are made or promised, add the following statement: "No commissions or gratuities have been or are to be paid by us to agents or any third party relating to this Proposal and Contract execution."}

We understand you are not bound to accept any Proposal you receive.

We remain,

Yours sincerely,




Signature (of Consultant's authorized representative) {In full and initials};

Full name: {insert full name of authorized representative}

Title: {insert title/position of authorized representative}

Name of Consultant (company's name or JV's name):

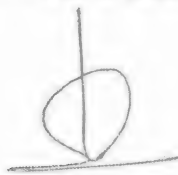
Capacity: {insert the person's capacity to sign for the Consultant}

Address: {insert the authorized representative's address}

Phone/fax: {insert the authorized representative's phone and fax number, if applicable}

Email: {insert the authorized representative's email address} \_\_\_\_\_

{For a joint venture, either all members shall sign or only the lead member/consultant, in which case the power of attorney to sign on behalf of all members shall be attached}





**FORM FIN-2 SUMMARY OF COSTS**

Item	Cost			
	{Insert Foreign Currency # 1; delete columns which are not used;}	{Insert Foreign Currency # 2, if used;}	{Insert Foreign Currency # 3, if used;}	{Insert Local Currency, if needed or required (16.4 Data Sheet)}
<b>Cost of the Financial Proposal</b>				
Including:				
(1) Remuneration for Phase 1				
(2) Reimbursables for Phase 1				
Sub-total for Phase 1				
(3) Remuneration for Phase 2				
(4) Reimbursables for Phase 2				
Sub-total for Phase 2				
<b>Total Cost of the Financial Proposal:</b> (Should match the amount in Form FIN-1)				
<b>Indirect Local Tax Estimates – to be discussed and finalized at the negotiations if the Contract is awarded</b>				
(i) {insert type of tax e.g., VAT or sales tax}				
(ii) {e.g., income tax on non-resident experts}				
(iii) {insert type of tax}				
<b>Total Estimate for Indirect Local Tax:</b>				

Footnote: Payments will be made in the currency(ies) expressed above (Reference to TTC 16.4).

### FORM FIN-3 BREAKDOWN OF REMUNERATION

For Phase 1, information to be provided in this Form shall only be used to demonstrate the basis for the calculation of the Phase 1 ceiling amount; to calculate applicable taxes at contract negotiations; and, if needed, to establish payments to the Consultant for possible additional services requested by the Client. This Form shall not be used as a basis for payments under Phase 1.

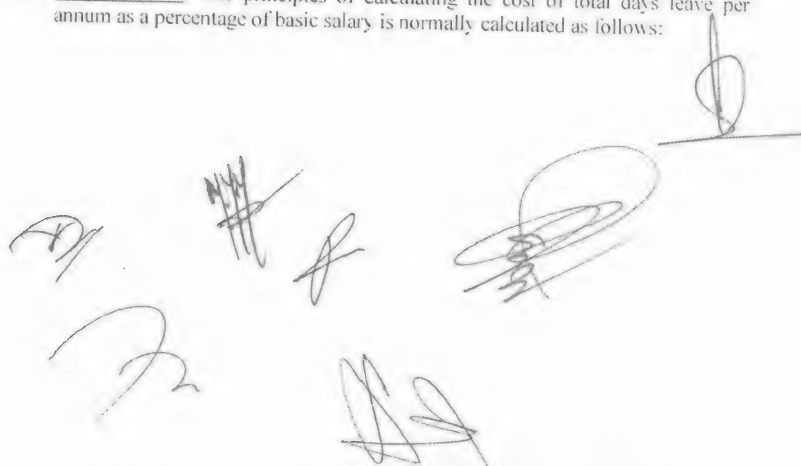
A. Remuneration								
No.	Name	Position (as in TECH-6)	Person-month Remuneration Rate	Time Input in Person/Month (from TECH-6)	{Currency # 1- as in FIN-2}	{Currency # 2- as in FIN-2}	{Currency # 3- as in FIN-2}	{Local Currency- as in FIN-2}
<b>Key Experts</b>								
K-1			[Home] [Field]					
K-2								
<b>Non-Key Experts</b>								
N-1			[Home] [Field]					
N-2								
				Total Costs				

*[Handwritten signatures and initials are present in the right margin of the page.]*

## Appendix A. Financial Negotiations - Breakdown of Remuneration Rates

### 1. Review of Remuneration Rates

- 1.1. The remuneration rates are made up of salary or a base fee, social costs, overheads, profit, and any premium or allowance that may be paid for assignments away from headquarters or a home office. An attached Sample Form can be used to provide a breakdown of rates.
- 1.2. If the RFP requests submission of a technical proposal only, the Sample Form is used by the selected Consultant to prepare for the negotiations of the Contract. If the RFP requests submission of the financial proposal, the Sample Form shall be completed and attached to the Financial Form-3. Agreed (at the negotiations) breakdown sheets shall form part of the negotiated Contract and included in its Appendix D or C.
- 1.3. At the negotiations the firm shall be prepared to disclose its audited financial statements for the last three years, to substantiate its rates, and accept that its proposed rates and other financial matters are subject to scrutiny. The Client is charged with the custody of government funds and is expected to exercise prudence in the expenditure of these funds.
- 1.4. Rate details are discussed below:
  - (i) Salary is the gross regular cash salary or fee paid to the individual in the firm's home office. It shall not contain any premium for work away from headquarters or bonus (except where these are included by law or government regulations).
  - (ii) Bonuses are normally paid out of profits. To avoid double counting, any bonuses shall not normally be included in the "Salary" and should be shown separately. Where the Consultant's accounting system is such that the percentages of social costs and overheads are based on total revenue, including bonuses, those percentages shall be adjusted downward accordingly. Where national policy requires that 13 months' pay be given for 12 months' work, the profit element need not be adjusted downward. Any discussions on bonuses shall be supported by audited documentation, which shall be treated as confidential.
  - (iii) Social Charges are the costs of non-monetary benefits and may include, inter alia, social security (including pension, medical, and life insurance costs) and the cost of a paid sick and/or annual leave. In this regard, a paid leave during public holidays or an annual leave taken during an assignment if no Expert's replacement has been provided is not considered social charges.
  - (iv) Cost of Leave. The principles of calculating the cost of total days leave per annum as a percentage of basic salary is normally calculated as follows:



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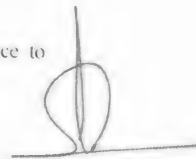
$$\text{Leave cost as percentage of salary} = \frac{\text{total days leave} \times 100}{[365 - w - ph - v - s]}$$

Where w = weekends, ph = public holidays, v = vacation, and s = sick leave

Please note that leave can be considered as a social cost only if the Client is not charged for the leave taken.

- (v) Overheads are the Consultant's business costs that are not directly related to the execution of the assignment and shall not be reimbursed as separate items under the Contract. Typical items are home office costs (non-billable time, time of senior Consultant's staff monitoring the project, rent of headquarters' office, support staff, research, staff training, marketing, etc.), the cost of Consultant's personnel not currently employed on revenue-earning projects, taxes on business activities, and business promotion costs. During negotiations, audited financial statements, certified as correct by an independent auditor and supporting the last three years' overheads, shall be available for discussion, together with detailed lists of items making up the overheads and the percentage by which each relates to basic salary. The Client does not accept an add-on margin for social charges, overhead expenses, etc. for Experts who are not permanent employees of the Consultant. In such case, the Consultant shall be entitled only to administrative costs and a fee on the monthly payments charged for sub-contracted Experts.
- (vi) Profit is normally based on the sum of the Salary, Social costs, and Overheads. If any bonuses paid on a regular basis are listed, a corresponding reduction shall be made in the profit amount. Profit shall not be allowed on travel or any other reimbursable expenses.
- (vii) Away from Home Office Allowance or Premium or Subsistence Allowances. Some Consultants pay allowances to Experts working away from headquarters or outside of the home office. Such allowances are calculated as a percentage of salary (or a fee) and shall not draw overheads or profit. Sometimes, by law, such allowances may draw social costs. In this case, the amount of this social cost shall still be shown under social costs, with the net allowance shown separately.

UNDP standard rates for the particular country may be used as reference to determine subsistence allowances.









### Sample Form

Consultant:  
Assignment:

Country:  
Date:

#### Consultant's Representations Regarding Costs and Charges

We hereby confirm that:

- (a) the basic fees indicated in the attached table are taken from the firm's payroll records and reflect the current rates of the Experts listed which have not been raised other than within the normal annual pay increase policy as applied to all the Consultant's Experts;
- (b) attached are true copies of the latest pay slips of the Experts listed;
- (c) the away - from - home office allowances indicated below are those that the Consultant has agreed to pay for this assignment to the Experts listed;
- (d) the factors listed in the attached table for social charges and overhead are based on the firm's average cost experiences for the latest three years as represented by the firm's financial statements; and
- (e) said factors for overhead and social charges do not include any bonuses or other means of profit-sharing.

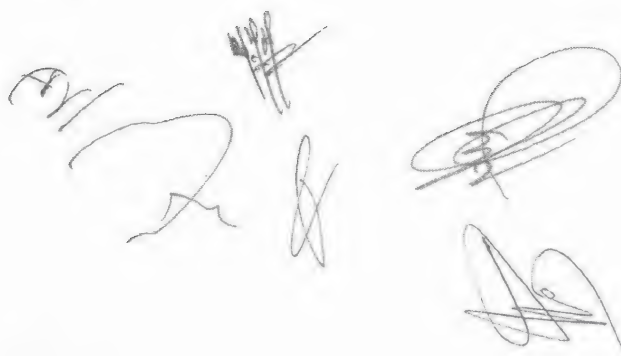
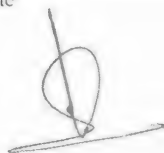
\_\_\_\_\_  
[Name of Consultant]

\_\_\_\_\_  
Signature of Authorized Representative

Name: \_\_\_\_\_

Title: \_\_\_\_\_

\_\_\_\_\_  
Date





(Expressed in {insert name of currency\*})

\* If more than one currency is used, use additional table(s), one for each currency.

- Expressed as percentage of 1
- Expressed as percentage of 4

{\* If more than one currency is used, use additional table(s), one for each currency.  
(Expressed as percentage of)

Expressed as percentage of I

2. Expressed as percentage of 4

For Phase 1, information to be provided in this Form shall only be used to demonstrate the basis for calculation of the Phase 1 ceiling amount, to calculate applicable taxes at contract negotiations and, if needed, to establish payments to the Consultant for possible additional services requested by the Client. This form shall not be used as a basis for payments under Phase 1.

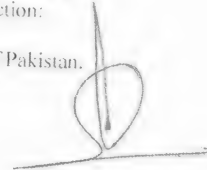
Legend:

"Per diem allowance" is paid for each night the expert is required by the Contract to be away from his/her usual place of residence. Client can set up a ceiling.

### Section 5. Eligible Countries

In reference to ITC 6.3.2, for the information of shortlisted Consultants, at the present time firms, goods and services from the following countries are excluded from this selection:

Under the ITC 6.3.2 (a): As per prevailing laws and policies of Islamic Republic of Pakistan.



## Section 6. Fraud and Corruption

(This Section 6, Fraud and Corruption shall not be modified)

### 1. Purpose

- 1.1 The Bank's Anti-Corruption Guidelines and this annex apply with respect to procurement under Bank Investment Project Financing operations.

### 2. Requirements

- 2.1 The Bank requires that Borrowers (including beneficiaries of Bank financing); bidders (applicants/proposers); consultants, contractors and suppliers; any sub-contractors, sub-consultants, service providers or suppliers; any agents (whether declared or not); and any of their personnel, observe the highest standard of ethics during the procurement process, selection and contract execution of Bank-financed contracts, and refrain from Fraud and Corruption.

#### 2.2 To this end, the Bank:

- a. Defines, for the purposes of this provision, the terms set forth below as follows:
  - i. "corrupt practice" is the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence improperly the actions of another party;
  - ii. "fraudulent practice" is any act or omission, including misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain financial or other benefit or to avoid an obligation;
  - iii. "collusive practice" is an arrangement between two or more parties designed to achieve an improper purpose, including to influence improperly the actions of another party;
  - iv. "coercive practice" is impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party;
  - v. "obstructive practice" is:
    - (a) deliberately destroying, falsifying, altering, or concealing of evidence material to the investigation or making false statements to investigators in order to materially impede a Bank investigation into allegations of a corrupt, fraudulent, coercive, or collusive practice; and/or threatening, harassing, or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation; or
    - (b) acts intended to materially impede the exercise of the Bank's inspection and audit rights provided for under paragraph 2.2 e. below.



- b. Rejects a proposal for award if the Bank determines that the firm or individual recommended for award, any of its personnel, or its agents, or its sub-consultants, sub-contractors, service providers, suppliers and/or their employees, has, directly or indirectly, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices in competing for the contract in question;
- c. In addition to the legal remedies set out in the relevant Legal Agreement, may take other appropriate actions, including declaring misprocurement, if the Bank determines at any time that representatives of the Borrower or of a recipient of any part of the proceeds of the loan engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices during the procurement process, selection and/or execution of the contract in question, without the Borrower having taken timely and appropriate action satisfactory to the Bank to address such practices when they occur, including by failing to inform the Bank in a timely manner at the time they knew of the practices;
- d. Pursuant to the Bank's Anti-Corruption Guidelines and in accordance with the Bank's prevailing sanctions policies and procedures, may sanction a firm or individual, either indefinitely or for a stated period of time, including by publicly declaring such firm or individual ineligible (i) to be awarded or otherwise benefit from a Bank-financed contract, financially or in any other manner;<sup>1</sup> (ii) to be a nominated<sup>2</sup> sub-contractor, consultant, manufacturer or supplier, or service provider of an otherwise eligible firm being awarded a Bank-financed contract; and (iii) to receive the proceeds of any loan made by the Bank or otherwise to participate further in the preparation or implementation of any Bank-financed project;
- e. Requires that a clause be included in bidding/request for proposals documents and in contracts financed by a Bank loan, requiring (i) bidders (applicants/proposers), consultants, contractors, and suppliers, and their sub-contractors, sub-consultants, service providers, suppliers, agents personnel, permit the Bank to inspect<sup>3</sup> all accounts, records and other documents relating to the procurement process, selection and/or contract execution, and to have them audited by auditors appointed by the Bank.

<sup>1</sup> For the avoidance of doubt, a sanctioned party's ineligibility to be awarded a contract shall include, without limitation, (i) applying for pre-qualification, expressing interest in a consultancy, and bidding, either directly or as a nominated sub-contractor, nominated consultant, nominated manufacturer or supplier, or nominated service provider, in respect of such contract, and (ii) entering into an addendum or amendment introducing a material modification to any existing contract.

<sup>2</sup> A nominated sub-contractor, nominated consultant, nominated manufacturer or supplier, or nominated service provider (different names are used depending on the particular bidding document) is one which has been: (i) included by the bidder in its pre-qualification application or bid because it brings specific and critical experience and know-how that allow the bidder to meet the qualification requirements for the particular bid, or (ii) appointed by the Borrower.

<sup>3</sup> Inspections in this context usually are investigative (i.e., forensic) in nature. They involve fact-finding activities undertaken by the Bank or persons appointed by the Bank to address specific matters related to investigations: audits, such as evaluating the veracity of an allegation of possible Fraud and Corruption, through the appropriate mechanisms. Such activity includes but is not limited to: accessing and examining a firm's or individual's financial records and information, and making copies thereof as relevant; accessing and examining any other documents, data and information (whether in hard copy or electronic format) deemed relevant for the investigation; audit, and making copies thereof as relevant; interviewing staff and other relevant individuals; performing physical inspections and site visits; and obtaining third party verification of information.

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## Section 7. Terms of Reference

Islamic Republic of Pakistan

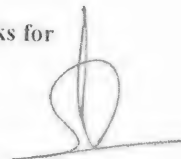
Government of Sindh

Sindh Mass Transit Authority – Project Management Team

**KARACHI MOBILITY PROJECT**

Terms of Reference for Consulting Services

Preparation of  
Detailed Design, Procurement Assistance and Supervision of Works for  
Yellow Bus Rapid Transit Corridor

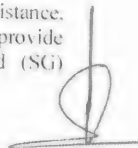


**BACKGROUND**

The implementation of a comprehensive solution to Karachi's severe urban mobility problems is underway through decisive Federal and Provincial Governments engagement towards the implementation of a Bus Rapid Transit System (BRTS) as planned under the Karachi Urban Transport Master Plan of 2030. As of 2018, the BRTS implementation efforts in the city, spearheaded by the Federal Government, Government of Sindh (GoS), and the Sindh Mass Transit Authority (SMTA), were focused on: (i) completion of roadworks and associated facilities, and selection of an operator for BRTS operation and maintenance for the Green/Orange Corridor; (ii) continuation and follow-up of contracts for planning, detail engineering design, and business plan definition for the Red Corridor; and (iii) elaboration/update of preliminary design and feasibility studies for Yellow BRT Corridor.


The GoS, SMTA and the World Bank (WB) are committed to financing the infrastructure and structuring the operation and business model for the Yellow BRT Corridor, using a mix of financing instruments to maximize the available funding for the development and operation of the BRTS, through the Karachi Mobility Project (KMP). The KMP follows the integrated corridor management approach aiming to improve the needs of all road users along the corridor (mobility, accessibility, safety). Severely deteriorated road sections along the Yellow BRT Corridor and catchment areas will be improved, traffic management will be upgraded, and parking issues will be addressed. It is estimated that more than 700,000 people will benefit from this project, particularly people living and working along the Korangi industrial area.

In order to support execution of the infrastructure component of the KMP, the SMTA and its Project Management Team (PMT) (hereinafter referred to as "the Client" or "the Employer", as relevant) wishes to engage a qualified consulting firm (hereinafter referred to as "the Consultant") to undertake preparation of Detailed Design, provide procurement assistance, construction supervision, contract administration (in the capacity of the Engineer), and provide support in monitoring and ensuring environmental and social (E&S) safeguard (SG) compliance.



## PART II

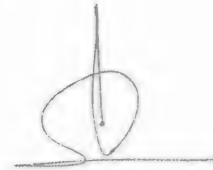
### Section 8. Conditions of Contract and Contract Forms

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## STANDARD FORM OF CONTRACT

# Consultant's Services

Time-Based



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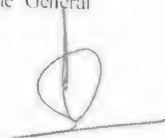


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### Preface

1. The standard Contract form consists of four parts: the Form of Contract to be signed by the Client and the Consultant, the General Conditions of Contract (GCC), including Attachment I Fraud and Corruption; the Special Conditions of Contract (SCC); and the Appendices.
2. The General Conditions of Contract, including Attachment I on Fraud and Corruption shall not be modified. The Special Conditions of Contract that contain clauses specific to each Contract intend to supplement, but not over-write or otherwise contradict, the General Conditions.

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**CONTRACT FOR CONSULTANT'S SERVICES**  
**Time-Based**

**Project Name:** Karachi Mobility Project

**Loan No.** IBRD-89950

**Assignment Title:** Consulting Services in Preparation of Detailed Design, Procurement  
Support and Construction Supervision for Yellow Bus Rapid Transit Corridor

**Contract No.** PK-SMTA-122605-CS-QCBS

between

The Sindh Mass Transit Authority

and



\_\_\_\_\_  
[Name of the Consultant]

**Dated:** \_\_\_\_\_



## I. Form of Contract

### TIME-BASED

This CONTRACT (hereinafter called the "Contract") is made the [number] day of the month of [month], [year], between, on the one hand, The Sindh Mass Transit Authority (hereinafter called the "Client") and, on the other hand, [name of Consultant] (hereinafter called the "Consultant").

*[If the Consultant consist of more than one entity, the above should be partially amended to read as follows: "... (hereinafter called the "Client") and, on the other hand, a Joint Venture (name of the JV) consisting of the following entities, each member of which will be jointly and severally liable to the Client for all the Consultant's obligations under this Contract, namely, [name of member] and [name of member] (hereinafter called the "Consultant").]*

#### WHEREAS

- (a) the Client has requested the Consultant to provide certain consulting services as defined in this Contract (hereinafter called the "Services");
- (b) the Consultant, having represented to the Client that it has the required professional skills, expertise and technical resources, has agreed to provide the Services on the terms and conditions set forth in this Contract;
- (c) the Client has received a loan from the International Bank for Reconstruction and Development (IBRD) toward the cost of the Services and intends to apply a portion of the proceeds of this [loan/credit/grant] to eligible payments under this Contract, it being understood that (i) payments by the Bank will be made only at the request of the Client and upon approval by the Bank; (ii) such payments will be subject, in all respects, to the terms and conditions of the loan agreement, including prohibitions of withdrawal from the loan account for the purpose of any payment to persons or entities, or for any import of goods, if such payment or import, to the knowledge of the Bank, is prohibited by the decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations; and (iii) no party other than the Client shall derive any rights from the loan agreement or have any claim to the loan proceeds;

NOW THEREFORE the parties hereto hereby agree as follows:

1. The following documents attached hereto shall be deemed to form an integral part of this Contract:
  - (a) The General Conditions of Contract (including Attachment I "Fraud and Corruption";
  - (b) The Special Conditions of Contract;

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(c) Appendices:

- Appendix A: Terms of Reference
- Appendix B: Key Experts
- Appendix C: Remuneration Cost Estimates
- Appendix D: Reimbursables Cost Estimates
- Appendix E: Form of Advance Payments Guarantee
- Appendix F: Code of Conduct (ESHS)

In the event of any inconsistency between the documents, the following order of precedence shall prevail: the Special Conditions of Contract; the General Conditions of Contract, including Attachment 1; Appendix A; Appendix B; Appendix C and Appendix D; Appendix E; and Appendix F. Any reference to this Contract shall include, where the context permits, a reference to its Appendices.

2. The mutual rights and obligations of the Client and the Consultant shall be as set forth in the Contract, in particular:
  - (a) the Consultant shall carry out the Services in accordance with the provisions of the Contract; and
  - (b) the Client shall make payments to the Consultant in accordance with the provisions of the Contract.

IN WITNESS WHEREOF, the Parties hereto have caused this Contract to be signed in their respective names as of the day and year first above written.

For and on behalf of The Sindh Mass Transit Authority

*[Authorized Representative of the Client – name, title and signature]*

For and on behalf of *[Name of Consultant or Name of a Joint Venture]*

*[Authorized Representative of the Consultant – name and signature]*

*[For a joint venture, either all members shall sign or only the lead member, in which case the power of attorney to sign on behalf of all members shall be attached.]*

For and on behalf of each of the members of the Consultant *[insert the name of the Joint Venture]*

*[Name of the lead member]*






*[Authorized Representative on behalf of a Joint Venture]*

*[add signature blocks for each member if all are signing]*

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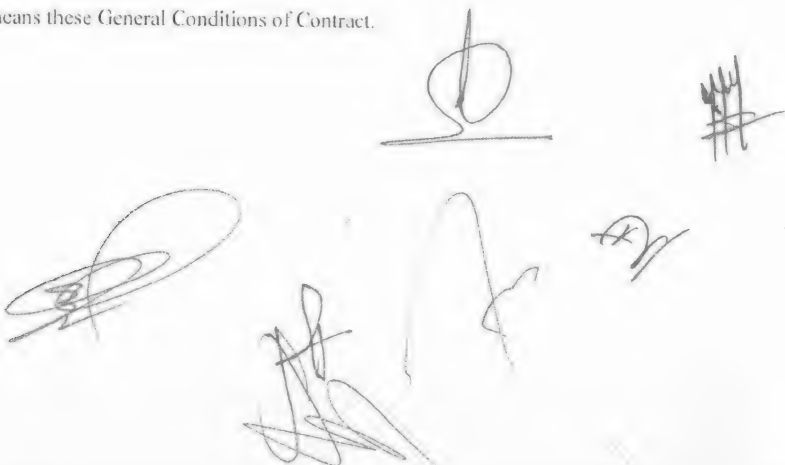
## II. General Conditions of Contract

### A. GENERAL PROVISIONS

#### 1. Definitions

1.1. Unless the context otherwise requires, the following terms whenever used in this Contract have the following meanings:

- (a) "Applicable Law" means the laws and any other instruments having the force of law in the Client's country, or in such other country as may be specified in the **Special Conditions of Contract (SCC)**, as they may be issued and in force from time to time.
- (b) "Bank" means the International Bank for Reconstruction and Development (IBRD) or the International Development Association (IDA).
- (c) "Borrower" means the Government, Government agency or other entity that signs the financing agreement with the Bank.
- (d) "Client" means the implementing agency that signs the Contract for the Services with the Selected Consultant.
- (e) "Consultant" means a legally-established professional consulting firm or entity selected by the Client to provide the Services under the signed Contract.
- (f) "Contract" means the legally binding written agreement signed between the Client and the Consultant and which includes all the attached documents listed in its paragraph 1 of the Form of Contract (the General Conditions (GCC), the Special Conditions (SCC), and the Appendices).
- (g) "Day" means a working day unless indicated otherwise.
- (h) "Effective Date" means the date on which this Contract comes into force and effect pursuant to Clause GCC 11.
- (i) "Experts" means, collectively, Key Experts, Non-Key Experts, or any other personnel of the Consultant, Sub-consultant or JV member(s) assigned by the Consultant to perform the Services or any part thereof under the Contract.
- (j) "Foreign Currency" means any currency other than the currency of the Client's country.
- (k) "GCC" means these General Conditions of Contract.

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- (l) "Government" means the government of the Client's country.
- (m) "Joint Venture (JV)" means an association with or without a legal personality distinct from that of its members, of more than one entity where one member has the authority to conduct all businesses for and on behalf of any and all the members of the JV, and where the members of the JV are jointly and severally liable to the Client for the performance of the Contract.
- (n) "Key Expert(s)" means an individual professional whose skills, qualifications, knowledge and experience are critical to the performance of the Services under the Contract and whose Curricula Vitae (CV) was taken into account in the technical evaluation of the Consultant's proposal.
- (o) "Local Currency" means the currency of the Client's country.
- (p) "Non-Key Expert(s)" means an individual professional provided by the Consultant or its Sub-consultant to perform the Services or any part thereof under the Contract.
- (q) "Party" means the Client or the Consultant, as the case may be, and "Parties" means both of them.
- (r) "SCC" means the Special Conditions of Contract by which the GCC may be amended or supplemented but not over-written.
- (s) "Services" means the work to be performed by the Consultant pursuant to this Contract, as described in Appendix A hereto.
- (t) "Sub-consultants" means an entity to whom/which the Consultant subcontracts any part of the Services while remaining solely liable for the execution of the Contract.
- (u) "Third Party" means any person or entity other than the Government, the Client, the Consultant or a Sub-consultant.

**2. Relationship  
between the  
Parties**

2.1. Nothing contained herein shall be construed as establishing a relationship of master and servant or of principal and agent as between the Client and the Consultant. The Consultant, subject to this Contract, has complete charge of the Experts and Sub-consultants, if any, performing the Services and shall be fully responsible for the Services performed by them or on their behalf hereunder.

**3. Law Governing  
Contract**

3.1. This Contract, its meaning and interpretation, and the relation between the Parties shall be governed by the Applicable Law.


**4. Language**

4.1. This Contract has been executed in the language specified in the SCC, which shall be the binding and controlling language for all

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matters relating to the meaning or interpretation of this Contract.

- 5. Headings** 5.1. The headings shall not limit, alter or affect the meaning of this Contract.
- 6. Communications** 6.1. Any communication required or permitted to be given or made pursuant to this Contract shall be in writing in the language specified in Clause GCC 4. Any such notice, request or consent shall be deemed to have been given or made when delivered in person to an authorized representative of the Party to whom the communication is addressed, or when sent to such Party at the address specified in the SCC.
- 6.2. A Party may change its address for notice hereunder by giving the other Party any communication of such change to the address specified in the SCC.
- 7. Location** 7.1. The Services shall be performed at such locations as are specified in **Appendix A** hereto and, where the location of a particular task is not so specified, at such locations, whether in the Government's country or elsewhere, as the Client may approve.
- 8. Authority of Member in Charge** 8.1. In case the Consultant is a Joint Venture, the members hereby authorize the member specified in the SCC to act on their behalf in exercising all the Consultant's rights and obligations towards the Client under this Contract, including without limitation the receiving of instructions and payments from the Client.
- 9. Authorized Representatives** 9.1. Any action required or permitted to be taken, and any document required or permitted to be executed under this Contract by the Client or the Consultant may be taken or executed by the officials specified in the SCC.
- 10. Fraud and Corruption** 10.1 Bank requires compliance with the Bank's Anti-Corruption Guidelines and its prevailing sanctions policies and procedures as set forth in the WBG's Sanctions Framework, as set forth in Attachment 1 to the GCC.
- a. Commissions and Fees** 10.2 The Client requires the Consultant to disclose any commissions or fees that may have been paid or are to be paid to agents or any other party with respect to the selection process or execution of the Contract. The information disclosed must include at least the name and address of the agent or other party, the amount and currency, and the purpose of the commission, gratuity or fee. Failure to disclose such commissions, gratuities or fees may result in termination of the Contract and/or sanctions by the Bank.



**B. COMMENCEMENT, COMPLETION, MODIFICATION AND TERMINATION OF CONTRACT**

- 11. Effectiveness of Contract** 11.1. This Contract shall come into force and effect on the date (the "Effective Date") of the Client's notice to the Consultant instructing the Consultant to begin carrying out the Services. This notice shall confirm that the effectiveness conditions, if any, listed in the SCC have been met.
- 12. Termination of Contract for Failure to Become Effective** 12.1. If this Contract has not become effective within such time period after the date of Contract signature as specified in the SCC, either Party may, by not less than twenty two (22) days written notice to the other Party, declare this Contract to be null and void, and in the event of such a declaration by either Party, neither Party shall have any claim against the other Party with respect hereto.
- 13. Commencement of Services** 13.1. The Consultant shall confirm availability of Key Experts and begin carrying out the Services not later than the number of days after the Effective Date specified in the SCC.
- 14. Expiration of Contract** 14.1. Unless terminated earlier pursuant to Clause GCC 19 hereof, this Contract shall expire at the end of such time period after the Effective Date as specified in the SCC.
- 15. Entire Agreement** 15.1. This Contract contains all covenants, stipulations and provisions agreed by the Parties. No agent or representative of either Party has authority to make, and the Parties shall not be bound by or be liable for, any statement, representation, promise or agreement not set forth herein.
- 16. Modifications or Variations** 16.1. Any modification or variation of the terms and conditions of this Contract, including any modification or variation of the scope of the Services, may only be made by written agreement between the Parties. However, each Party shall give due consideration to any proposals for modification or variation made by the other Party.
- 16.2. In cases of substantial modifications or variations, the prior written consent of the Bank is required.
- 17. Force Majeure**
- a. Definition** 17.1. For the purposes of this Contract, "Force Majeure" means an event which is beyond the reasonable control of a Party, is not foreseeable, is unavoidable, and makes a Party's performance of its obligations hereunder impossible or so impractical as reasonably to be considered impossible under the circumstances, and subject to those requirements, includes, but is not limited to, war, riots, civil disorder, earthquake, fire, explosion, storm, flood or other adverse weather conditions, strikes, lockouts or other industrial action

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confiscation or any other action by Government agencies.

17.2. Force Majeure shall not include (i) any event which is caused by the negligence or intentional action of a Party or such Party's Experts, Sub-consultants or agents or employees, nor (ii) any event which a diligent Party could reasonably have been expected to both take into account at the time of the conclusion of this Contract, and avoid or overcome in the carrying out of its obligations hereunder.

17.3. Force Majeure shall not include insufficiency of funds or failure to make any payment required hereunder.

**b. No Breach of Contract**

17.4. The failure of a Party to fulfill any of its obligations hereunder shall not be considered to be a breach of, or default under, this Contract insofar as such inability arises from an event of Force Majeure, provided that the Party affected by such an event has taken all reasonable precautions, due care and reasonable alternative measures, all with the objective of carrying out the terms and conditions of this Contract.

**c. Measures to be Taken**

17.5. A Party affected by an event of Force Majeure shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall take all reasonable measures to minimize the consequences of any event of Force Majeure.

17.6. A Party affected by an event of Force Majeure shall notify the other Party of such event as soon as possible, and in any case not later than fourteen (14) calendar days following the occurrence of such event, providing evidence of the nature and cause of such event, and shall similarly give written notice of the restoration of normal conditions as soon as possible.

17.7. Any period within which a Party shall, pursuant to this Contract, complete any action or task, shall be extended for a period equal to the time during which such Party was unable to perform such action as a result of Force Majeure.

17.8. During the period of their inability to perform the Services as a result of an event of Force Majeure, the Consultant, upon instructions by the Client, shall either:

- (a) demobilize, in which case the Consultant shall be reimbursed for additional costs they reasonably and necessarily incurred, and, if required by the Client, in reactivating the Services; or
- (b) continue with the Services to the extent reasonably

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possible, in which case the Consultant shall continue to be paid under the terms of this Contract and be reimbursed for additional costs reasonably and necessarily incurred.

17.9. In the case of disagreement between the Parties as to the existence or extent of Force Majeure, the matter shall be settled according to Clauses GCC 48 & 49.

#### 18. Suspension

18.1. The Client may, by written notice of suspension to the Consultant, suspend all payments to the Consultant hereunder if the Consultant fails to perform any of its obligations under this Contract, including the carrying out of the Services, provided that such notice of suspension (i) shall specify the nature of the failure, and (ii) shall request the Consultant to remedy such failure within a period not exceeding thirty (30) calendar days after receipt by the Consultant of such notice of suspension.

#### 19. Termination

19.1 This Contract may be terminated by either Party as per provisions set up below:

##### a. By the Client

19.1.1 The Client may terminate this Contract in case of the occurrence of any of the events specified in paragraphs (a) through (f) of this Clause. In such an occurrence the Client shall give at least thirty (30) calendar days' written notice of termination to the Consultant in case of the events referred to in (a) through (d); at least sixty (60) calendar days' written notice in case of the event referred to in (e); and at least five (5) calendar days' written notice in case of the event referred to in (f):

- (a) If the Consultant fails to remedy a failure in the performance of its obligations hereunder, as specified in a notice of suspension pursuant to Clause GCC 18;
- (b) If the Consultant becomes (or, if the Consultant consists of more than one entity, if any of its members becomes) insolvent or bankrupt or enter into any agreements with their creditors for relief of debt or take advantage of any law for the benefit of debtors or go into liquidation or receivership whether compulsory or voluntary;
- (c) If the Consultant fails to comply with any final decision reached as a result of arbitration proceedings pursuant to Clause GCC 49.1;
- (d) If, as the result of Force Majeure, the Consultant is unable to perform a material portion of the Services for a period of not less than sixty (60) calendar days;

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(e) If the Client, in its sole discretion and for any reason whatsoever, decides to terminate this Contract:

(f) If the Consultant fails to confirm availability of Key Experts as required in Clause GCC 13.

19.1.2 If the Consultant, in the judgment of the Client has engaged in Fraud and Corruption, as defined in paragraph 2.2 a of the Attachment 1 to the GCC, in competing for or in executing the Contract, then the Client may, after giving fourteen (14) calendar days written notice to the Consultant, terminate the Consultant's employment under the Contract.

**b. By the Consultant**

19.1.3 The Consultant may terminate this Contract, by not less than thirty (30) calendar days' written notice to the Client, in case of the occurrence of any of the events specified in paragraphs (a) through (d) of this Clause.

(a) If the Client fails to pay any money due to the Consultant pursuant to this Contract and not subject to dispute pursuant to Clauses GCC 49.1 within forty-five (45) calendar days after receiving written notice from the Consultant that such payment is overdue.

(b) If, as the result of Force Majeure, the Consultant is unable to perform a material portion of the Services for a period of not less than sixty (60) calendar days.

(c) If the Client fails to comply with any final decision reached as a result of arbitration pursuant to Clause GCC 49.1.

(d) If the Client is in material breach of its obligations pursuant to this Contract and has not remedied the same within forty-five (45) days (or such longer period as the Consultant may have subsequently approved in writing) following the receipt by the Client of the Consultant's notice specifying such breach.

**c. Cessation of Rights and Obligations**

19.1.4 Upon termination of this Contract pursuant to Clauses GCC 12 or GCC 19 hereof, or upon expiration of this Contract pursuant to Clause GCC 14, all rights and obligations of the Parties hereunder shall cease, except (i) such rights and obligations as may have accrued on the date of termination or expiration, (ii) the obligation of confidentiality set forth in Clause GCC 22, (iii) the Consultant's obligation to permit inspection, copying and auditing of their accounts and records set forth in Clause GCC 25 and to cooperate and assist in any inspection or investigation, and (iv) any right which a Party

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may have under the Applicable Law.

**d. Cessation of Services**

19.1.5 Upon termination of this Contract by notice of either Party to the other pursuant to Clauses GCC 19a or GCC 19b, the Consultant shall, immediately upon dispatch or receipt of such notice, take all necessary steps to bring the Services to a close in a prompt and orderly manner and shall make every reasonable effort to keep expenditures for this purpose to a minimum. With respect to documents prepared by the Consultant and equipment and materials furnished by the Client, the Consultant shall proceed as provided, respectively, by Clauses GCC 27 or GCC 28.

**e. Payment upon Termination**

19.1.6 Upon termination of this Contract, the Client shall make the following payments to the Consultant:

- (a) remuneration for Services satisfactorily performed prior to the effective date of termination, and reimbursable expenditures for expenditures actually incurred prior to the effective date of termination; and pursuant to Clause GCC 42;
- (b) in the case of termination pursuant to paragraphs (d) and (e) of Clause GCC 19.1.1, reimbursement of any reasonable cost incidental to the prompt and orderly termination of this Contract, including the cost of the return travel of the Experts.

**C. OBLIGATIONS OF THE CONSULTANT**

**20. General**

**a. Standard of Performance**

20.1 The Consultant shall perform the Services and carry out the Services with all due diligence, efficiency and economy, in accordance with generally accepted professional standards and practices, and shall observe sound management practices, and employ appropriate technology and safe and effective equipment, machinery, materials and methods. The Consultant shall always act, in respect of any matter relating to this Contract or to the Services, as a faithful adviser to the Client, and shall at all times support and safeguard the Client's legitimate interests in any dealings with the third parties.

20.2 The Consultant shall employ and provide such qualified and experienced Experts and Sub-consultants as are required to carry out the Services.

20.3 The Consultant may subcontract part of the Services to an extent and with such Key Experts and Sub-consultants as may be

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approved in advance by the Client. Notwithstanding such approval, the Consultant shall retain full responsibility for the Services.

**b. Law  
Applicable to  
Services**

20.4 The Consultant shall perform the Services in accordance with the Contract and the Applicable Law and shall take all practicable steps to ensure that any of its Experts and Sub-consultants, comply with the Applicable Law.

20.5 Throughout the execution of the Contract, the Consultant shall comply with the import of goods and services prohibitions in the Client's country when

(a) as a matter of law or official regulations, the Borrower's country prohibits commercial relations with that country; or

(b) by an act of compliance with a decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations, the Borrower's Country prohibits any import of goods from that country or any payments to any country, person, or entity in that country.

20.6 The Client shall notify the Consultant in writing of relevant local customs, and the Consultant shall, after such notification, respect such customs.

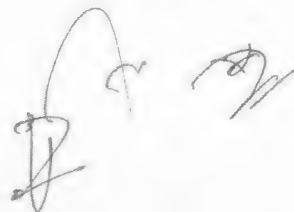
**21. Conflict of Interest**

21.1 The Consultant shall hold the Client's interests paramount, without any consideration for future work, and strictly avoid conflict with other assignments or their own corporate interests.

**a. Consultant  
Not to Benefit  
from  
Commissions,  
Discounts, etc.**

21.1.1 The payment of the Consultant pursuant to GCC F (Clauses GCC 41 through 46) shall constitute the Consultant's only payment in connection with this Contract and, subject to Clause GCC 21.1.3, the Consultant shall not accept for its own benefit any trade commission, discount or similar payment in connection with activities pursuant to this Contract or in the discharge of its obligations hereunder, and the Consultant shall use its best efforts to ensure that any Sub-consultants, as well as the Experts and agents of either of them, similarly shall not receive any such additional payment.

21.1.2 Furthermore, if the Consultant, as part of the Services, has the responsibility of advising the Client on the procurement of goods, works or services, the Consultant shall comply with the Bank's Applicable Regulations, and shall at all times exercise such responsibility in the best interest of the Client. Any discounts or commissions obtained by the Consultant in the exercise of such procurement responsibility shall be for the





- account of the Client.
- b. **Consultant and Affiliates Not to Engage in Certain Activities** 21.1.3 The Consultant agrees that, during the term of this Contract and after its termination, the Consultant and any entity affiliated with the Consultant, as well as any Sub-consultants and any entity affiliated with such Sub-consultants, shall be disqualified from providing goods, works or non-consulting services resulting from or directly related to the Consultant's Services for the preparation or implementation of the project.
- c. **Prohibition of Conflicting Activities** 21.1.4 The Consultant shall not engage, and shall cause its Experts as well as its Sub-consultants not to engage, either directly or indirectly, in any business or professional activities that would conflict with the activities assigned to them under this Contract.
- d. **Strict Duty to Disclose Conflicting Activities** 21.1.5 The Consultant has an obligation and shall ensure that its Experts and Sub-consultants shall have an obligation to disclose any situation of actual or potential conflict that impacts their capacity to serve the best interest of their Client, or that may reasonably be perceived as having this effect. Failure to disclose said situations may lead to the disqualification of the Consultant or the termination of its Contract.
22. **Confidentiality** 22.1 Except with the prior written consent of the Client, the Consultant and the Experts shall not at any time communicate to any person or entity any confidential information acquired in the course of the Services, nor shall the Consultant and the Experts make public the recommendations formulated in the course of, or as a result of, the Services.
23. **Liability of the Consultant** 23.1 Subject to additional provisions, if any, set forth in the SCC, the Consultant's liability under this Contract shall be as determined under the Applicable Law.
24. **Insurance to be taken out by the Consultant** 24.1 The Consultant (i) shall take out and maintain, and shall cause any Sub-consultants to take out and maintain, at its (or the Sub-consultants', as the case may be) own cost but on terms and conditions approved by the Client, insurance against the risks, and for the coverage specified in the SCC, and (ii) at the Client's request, shall provide evidence to the Client showing that such insurance has been taken out and maintained and that the current premiums therefore have been paid. The Consultant shall ensure that such insurance is in place prior to commencing the Services as stated in Clause GCC 13.
25. **Accounting,** 25.1 The Consultant shall keep, and shall make all reasonable

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**Inspection and Auditing**

efforts to cause its Sub-consultants to keep accurate and systematic accounts and records in respect of the Services in such form and detail as will clearly identify relevant time changes and costs.

25.2. Pursuant to paragraph 2.2 e. of Appendix to the General Conditions the Consultant shall permit and shall cause its subcontractors and subconsultants to permit, the Bank and/or persons appointed by the Bank to inspect the Site and/or the accounts and records relating to the performance of the Contract and the submission of the bid, and to have such accounts and records audited by auditors appointed by the Bank if requested by the Bank. The Consultant's and its Subcontractors' and subconsultants' attention is drawn to Sub-Clause 10.1 which provides, inter alia, that acts intended to materially impede the exercise of the Bank's inspection and audit rights constitute a prohibited practice subject to contract termination (as well as to a determination of ineligibility pursuant to the Bank's prevailing sanctions procedures).

**26. Reporting Obligations**

26.1 The Consultant shall submit to the Client the reports and documents specified in **Appendix A**, in the form, in the numbers and within the time periods set forth in the said Appendix.

**27. Proprietary Rights of the Client in Reports and Records**

27.1 Unless otherwise indicated in the SCC, all reports and relevant data and information such as maps, diagrams, plans, databases, other documents and software, supporting records or material compiled or prepared by the Consultant for the Client in the course of the Services shall be confidential and become and remain the absolute property of the Client. The Consultant shall, not later than upon termination or expiration of this Contract, deliver all such documents to the Client, together with a detailed inventory thereof. The Consultant may retain a copy of such documents, data and/or software but shall not use the same for purposes unrelated to this Contract without prior written approval of the Client.

27.2 If license agreements are necessary or appropriate between the Consultant and third parties for purposes of development of the plans, drawings, specifications, designs, databases, other documents and software, the Consultant shall obtain the Client's prior written approval to such agreements, and the Client shall be entitled at its discretion to require recovering the expenses related to the development of the program(s) concerned. Other restrictions about the future use of these documents and software, if any, shall be specified in the SCC.

**28. Equipment, Vehicles and Materials**

28.1 Equipment, vehicles and materials made available to the Consultant by the Client, or purchased by the Consultant wholly or partly with funds provided by the Client, shall be the property of the Client and shall be marked accordingly. Upon termination or expiration of this Contract, the Consultant shall make available to the

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Client an inventory of such equipment, vehicles and materials and shall dispose of such equipment, vehicles and materials in accordance with the Client's instructions. While in possession of such equipment, vehicles and materials, the Consultant, unless otherwise instructed by the Client in writing, shall insure them at the expense of the Client in an amount equal to their full replacement value.

28.2 Any equipment or materials brought by the Consultant or its Experts into the Client's country for the use either for the project or personal use shall remain the property of the Consultant or the Experts concerned, as applicable.

#### D. CONSULTANT'S EXPERTS AND SUB-CONSULTANTS

##### 29. Description of Key Experts

29.1 The title, agreed job description, minimum qualification and time-input estimates to carry out the Services of each of the Consultant's Key Experts are described in **Appendix B**.

29.2 If required to comply with the provisions of Clause GCC 20a, adjustments with respect to the estimated time-input of Key Experts set forth in **Appendix B** may be made by the Consultant by a written notice to the Client, provided (i) that such adjustments shall not alter the original time-input estimates for any individual by more than 10% or one week, whichever is larger; and (ii) that the aggregate of such adjustments shall not cause payments under this Contract to exceed the ceilings set forth in Clause GCC 41.2.

29.3 If additional work is required beyond the scope of the Services specified in **Appendix A**, the estimated time-input for the Key Experts may be increased by agreement in writing between the Client and the Consultant. In case where payments under this Contract exceed the ceilings set forth in Clause GCC 41.1, the Parties shall sign a Contract amendment.

##### 30. Replacement of Key Experts

30.1 Except as the Client may otherwise agree in writing, no changes shall be made in the Key Experts.

30.2 Notwithstanding the above, the substitution of Key Experts during Contract execution may be considered only based on the Consultant's written request and due to circumstances outside the reasonable control of the Consultant, including but not limited to death or medical incapacity. In such case, the Consultant shall forthwith provide as a replacement, a person of equivalent or better qualifications and experience, meet eligibility requirements, and at the same rate of remuneration.

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**31. Approval of Additional Key Experts**

31.1 If during execution of the Contract, additional Key Experts are required to carry out the Services, the Consultant shall submit to the Client for review and approval a copy of their Curricula Vitae (CVs). If the Client does not object in writing (stating the reasons for the objection) within twenty two (22) days from the date of receipt of such CVs, such additional Key Experts shall be deemed to have been approved by the Client.

The rate of remuneration payable to such new additional Key Experts shall be based on the rates for other Key Experts position which require similar qualifications and experience.

**32. Removal of Experts or Sub-consultants**

32.1 If the Client finds that any of the Experts or Sub-consultant has committed serious misconduct or has been charged with having committed a criminal action, or if the Client determines that a Consultant's Expert or Sub-consultant has engaged in Fraud and Corruption while performing the Services, the Consultant shall, at the Client's written request, provide a replacement.

32.2 In the event that any of Key Experts, Non-Key Experts or Sub-consultants is found by the Client to be incompetent or incapable in discharging assigned duties, the Client, specifying the grounds therefore, may request the Consultant to provide a replacement.

32.3 Any replacement of the removed Experts or Sub-consultants shall possess better qualifications and experience and shall be acceptable to the Client.

**33. Replacement/ Removal of Experts - Impact on Payments**

33.1 Except as the Client may otherwise agree, (i) the Consultant shall bear all additional travel and other costs arising out of or incidental to any removal and/or replacement, and (ii) the remuneration to be paid for any of the Experts provided as a replacement shall not exceed the remuneration which would have been payable to the Experts replaced or removed.

**34. Working Hours, Overtime, Leave, etc.**

34.1 Working hours and holidays for Experts are set forth in **Appendix B**. To account for travel time to/from the Client's country, experts carrying out Services inside the Client's country shall be deemed to have commenced or finished work in respect of the Services such number of days before their arrival in, or after their departure from, the Client's country as is specified in **Appendix B**.

34.2 The Experts shall not be entitled to be paid for overtime nor to take paid sick leave or vacation leave except as specified in **Appendix B**, and the Consultant's remuneration shall be deemed to cover these items.

34.3 Any taking of leave by Key Experts shall be subject to the prior approval by the Consultant who shall ensure that absence for

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leave purposes will not delay the progress and or impact adequate supervision of the Services.

#### E. OBLIGATIONS OF THE CLIENT

#### 35. Assistance and Exemptions

35.1 Unless otherwise specified in the SCC, the Client shall use its best efforts to:

- (a) Assist the Consultant with obtaining work permits and such other documents as shall be necessary to enable the Consultant to perform the Services.
- (b) Assist the Consultant with promptly obtaining, for the Experts and, if appropriate, their eligible dependents, all necessary entry and exit visas, residence permits, exchange permits and any other documents required for their stay in the Client's country while carrying out the Services under the Contract.
- (c) Facilitate prompt clearance through customs of any property required for the Services and of the personal effects of the Experts and their eligible dependents.
- (e) Issue to officials, agents and representatives of the Government all such instructions and information as may be necessary or appropriate for the prompt and effective implementation of the Services.
- (d) Assist the Consultant and the Experts and any Sub-consultants employed by the Consultant for the Services with obtaining exemption from any requirement to register or obtain any permit to practice their profession or to establish themselves either individually or as a corporate entity in the Client's country according to the applicable law in the Client's country.
- (e) Assist the Consultant, any Sub-consultants and the Experts of either of them with obtaining the privilege, pursuant to the applicable law in the Client's country, of bringing into the Client's country reasonable amounts of foreign currency for the purposes of the Services or for the personal use of the Experts and of withdrawing any such amounts as may be earned therein by the Experts in the execution of the Services.
- (f) Provide to the Consultant any such other assistance as may be specified in the SCC.

#### 36. Access to Project Site

36.1 The Client warrants that the Consultant shall have, free of charge, unimpeded access to the project site in respect of which access is required for the performance of the Services. The Client

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will be responsible for any damage to the project site or any property thereon resulting from such access and will indemnify the Consultant and each of the experts in respect of liability for any such damage, unless such damage is caused by the willful default or negligence of the Consultant or any Sub-consultants or the Experts of either of them.

**37. Change in the Applicable Law Related to Taxes and Duties**

37.1 If, after the date of this Contract, there is any change in the applicable law in the Client's country with respect to taxes and duties which increases or decreases the cost incurred by the Consultant in performing the Services, then the remuneration and reimbursable expenses otherwise payable to the Consultant under this Contract shall be increased or decreased accordingly by agreement between the Parties hereto, and corresponding adjustments shall be made to the ceiling amounts specified in Clause GCC 41.1

**38. Services, Facilities and Property of the Client**

38.1 The Client shall make available to the Consultant and the Experts, for the purposes of the Services and free of any charge, the services, facilities and property described in the Terms of Reference (**Appendix A**) at the times and in the manner specified in said **Appendix A**.

38.2 In case that such services, facilities and property shall not be made available to the Consultant as and when specified in **Appendix A**, the Parties shall agree on (i) any time extension that it may be appropriate to grant to the Consultant for the performance of the Services, (ii) the manner in which the Consultant shall procure any such services, facilities and property from other sources, and (iii) the additional payments, if any, to be made to the Consultant as a result thereof pursuant to Clause GCC 41.3.

**39. Counterpart Personnel**

39.1 The Client shall make available to the Consultant free of charge such professional and support counterpart personnel, to be nominated by the Client with the Consultant's advice, if specified in **Appendix A**.

39.2 If counterpart personnel are not provided by the Client to the Consultant as and when specified in **Appendix A**, the Client and the Consultant shall agree on (i) how the affected part of the Services shall be carried out, and (ii) the additional payments, if any, to be made by the Client to the Consultant as a result thereof pursuant to Clause GCC 41.3.

39.3 Professional and support counterpart personnel, excluding Client's liaison personnel, shall work under the exclusive direction of the Consultant. If any member of the counterpart personnel fails to perform adequately any work assigned to such member by the Consultant that is consistent with the position occupied by such

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member, the Consultant may request the replacement of such member, and the Client shall not unreasonably refuse to act upon such request.

**40. Payment Obligation**

40.1 In consideration of the Services performed by the Consultant under this Contract, the Client shall make such payments to the Consultant and in such manner as is provided by GCC F below.

**F. PAYMENTS TO THE CONSULTANT**

**41. Ceiling Amount**

41.1 An estimate of the cost of the Services is set forth in **Appendix C** (Remuneration) and **Appendix D** (Reimbursable expenses).

41.2 Payments under this Contract shall not exceed the ceilings in foreign currency and in local currency specified in the SCC.

41.3 For any payments in excess of the ceilings specified in GCC41.2, an amendment to the Contract shall be signed by the Parties referring to the provision of this Contract that evokes such amendment.

**42. Remuneration and Reimbursable Expenses**

42.1 The Client shall pay to the Consultant (i) remuneration that shall be determined on the basis of time actually spent by each Expert in the performance of the Services after the date of commencing of Services or such other date as the Parties shall agree in writing; and (ii) reimbursable expenses that are actually and reasonably incurred by the Consultant in the performance of the Services.

42.2 All payments shall be at the rates set forth in **Appendix C** and **Appendix D**.

42.3 Unless the SCC provides for the price adjustment of the remuneration rates, said remuneration shall be fixed for the duration of the Contract.

42.4 The remuneration rates shall cover: (i) such salaries and allowances as the Consultant shall have agreed to pay to the Experts as well as factors for social charges and overheads (bonuses or other means of profit-sharing shall not be allowed as an element of overheads); (ii) the cost of backstopping by home office staff not included in the Experts' list in **Appendix B**; (iii) the Consultant's profit; and (iv) any other items as specified in the SCC.

42.5 Any rates specified for Experts not yet appointed shall be provisional and shall be subject to revision, with the written approval of the Client, once the applicable remuneration rates and allowances

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are known.

**43. Taxes and Duties**

43.1 The Consultant, Sub-consultants and Experts are responsible for meeting any and all tax liabilities arising out of the Contract unless it is stated otherwise in the SCC.

43.2 As an exception to the above and as stated in the SCC, all local identifiable indirect taxes (itemized and finalized at Contract negotiations) are reimbursed to the Consultant or are paid by the Client on behalf of the Consultant.

**44. Currency of Payment**

44.1 Any payment under this Contract shall be made in the currency(ies) specified in the SCC.

**45. Mode of Billing and Payment**

45.1 Billings and payments in respect of the Services shall be made as follows:

- (a) Advance payment. Within the number of days after the Effective Date, the Client shall pay to the Consultant an advance payment as specified in the SCC. Unless otherwise indicated in the SCC, an advance payment shall be made against an advance payment bank guarantee acceptable to the Client in an amount (or amounts) and in a currency (or currencies) specified in the SCC. Such guarantee (i) is to remain effective until the advance payment has been fully set off, and (ii) is to be in the form set forth in **Appendix E**, or in such other form as the Client shall have approved in writing. The advance payments will be set off by the Client in equal installments against the statements for the number of months of the Services specified in the SCC until said advance payments have been fully set off.
- (b) The Itemized Invoices. As soon as practicable and not later than fifteen (15) days after the end of each calendar month during the period of the Services, or after the end of each time interval otherwise indicated in the SCC, the Consultant shall submit to the Client, in duplicate, itemized invoices, accompanied by the receipts or other appropriate supporting documents, of the amounts payable pursuant to Clauses GCC 44 and GCC 45 for such interval, or any other period indicated in the SCC. Separate invoices shall be submitted for expenses incurred in foreign currency and in local currency. Each invoice shall show remuneration and reimbursable expenses separately.
- (c) The Client shall pay the Consultant's invoices within sixty (60) days after the receipt by the Client of such itemized invoices with supporting documents. Only such portion of an invoice that is not satisfactorily supported may be withheld from payment. Should any discrepancy be found to exist between

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actual payment and costs authorized to be incurred by the Consultant, the Client may add or subtract the difference from any subsequent payments.

- (d) The Final Payment. The final payment under this Clause shall be made only after the final report and a final invoice, identified as such, shall have been submitted by the Consultant and approved as satisfactory by the Client. The Services shall be deemed completed and finally accepted by the Client and the final report and final invoice shall be deemed approved by the Client as satisfactory ninety (90) calendar days after receipt of the final report and final invoice by the Client unless the Client, within such ninety (90) calendar day period, gives written notice to the Consultant specifying in detail deficiencies in the Services, the final report or final invoice. The Consultant shall thereupon promptly make any necessary corrections, and thereafter the foregoing process shall be repeated. Any amount that the Client has paid or has caused to be paid in accordance with this Clause in excess of the amounts payable in accordance with the provisions of this Contract shall be reimbursed by the Consultant to the Client within thirty (30) days after receipt by the Consultant of notice thereof. Any such claim by the Client for reimbursement must be made within twelve (12) calendar months after receipt by the Client of a final report and a final invoice approved by the Client in accordance with the above.
- (e) All payments under this Contract shall be made to the accounts of the Consultant specified in the SCC.
- (f) With the exception of the final payment under (d) above, payments do not constitute acceptance of the Services nor relieve the Consultant of any obligations hereunder.

**46. Interest on Delayed Payments**

46.1 If the Client had delayed payments beyond fifteen (15) days after the due date stated in Clause GCC 45.1 (c), interest shall be paid to the Consultant on any amount due by, not paid on, such due date for each day of delay at the annual rate stated in the SCC.

**G. FAIRNESS AND GOOD FAITH**

**47. Good Faith**

47.1 The Parties undertake to act in good faith with respect to each other's rights under this Contract and to adopt all reasonable measures to ensure the realization of the objectives of this Contract.

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## H. SETTLEMENT OF DISPUTES

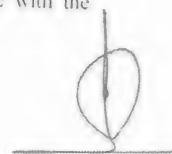
### 48. Amicable Settlement

48.1 The Parties shall seek to resolve any dispute amicably by mutual consultation.

48.2 If either Party objects to any action or inaction of the other Party, the objecting Party may file a written Notice of Dispute to the other Party providing in detail the basis of the dispute. The Party receiving the Notice of Dispute will consider it and respond in writing within fourteen (14) days after receipt. If that Party fails to respond within fourteen (14) days, or the dispute cannot be amicably settled within fourteen (14) days following the response of that Party, Clause GCC 49.1 shall apply.

### 49. Dispute Resolution

49.1 Any dispute between the Parties arising under or related to this Contract that cannot be settled amicably may be referred to by either Party to the adjudication/arbitration in accordance with the provisions specified in the SCC.





## II. General Conditions Attachment I

### Fraud and Corruption

*(Text in this Appendix shall not be modified)*

#### 1. Purpose

- 1.1 The Bank's Anti-Corruption Guidelines and this annex apply with respect to procurement under Bank Investment Project Financing operations.

#### 2. Requirements

- 2.1 The Bank requires that Borrowers (including beneficiaries of Bank financing); bidders (applicants/proposers); consultants, contractors and suppliers; any sub-contractors, sub-consultants, service providers or suppliers; any agents (whether declared or not); and any of their personnel, observe the highest standard of ethics during the procurement process, selection and contract execution of Bank-financed contracts, and refrain from Fraud and Corruption.

- 2.2 To this end, the Bank:

- a. Defines, for the purposes of this provision, the terms set forth below as follows:

- i. "corrupt practice" is the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence improperly the actions of another party;
- ii. "fraudulent practice" is any act or omission, including misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain financial or other benefit or to avoid an obligation;
- iii. "collusive practice" is an arrangement between two or more parties designed to achieve an improper purpose, including to influence improperly the actions of another party;
- iv. "coercive practice" is impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party;
- v. "obstructive practice" is:
  - (a) deliberately destroying, falsifying, altering, or concealing of evidence material to the investigation or making false statements to investigators in order to materially impede a Bank investigation into allegations of a corrupt, fraudulent, coercive, or collusive practice; and/or threatening, harassing, or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation; or

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- (b) acts intended to materially impede the exercise of the Bank's inspection and audit rights provided for under paragraph 2.2 e. below.
- b. Rejects a proposal for award if the Bank determines that the firm or individual recommended for award, any of its personnel, or its agents, or its sub-consultants, sub-contractors, service providers, suppliers and/or their employees, has, directly or indirectly, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices in competing for the contract in question:
- c. In addition to the legal remedies set out in the relevant Legal Agreement, may take other appropriate actions, including declaring mis-procurement, if the Bank determines at any time that representatives of the Borrower or of a recipient of any part of the proceeds of the loan engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices during the procurement process, selection and/or execution of the contract in question, without the Borrower having taken timely and appropriate action satisfactory to the Bank to address such practices when they occur, including by failing to inform the Bank in a timely manner at the time they knew of the practices:
- d. Pursuant to the Bank's Anti-Corruption Guidelines and in accordance with the Bank's prevailing sanctions policies and procedures, may sanction a firm or individual, either indefinitely or for a stated period of time, including by publicly declaring such firm or individual ineligible (i) to be awarded or otherwise benefit from a Bank-financed contract, financially or in any other manner;<sup>1</sup> (ii) to be a nominated sub-contractor, consultant, manufacturer or supplier, or service provider of an otherwise eligible firm being awarded a Bank-financed contract; and (iii) to receive the proceeds of any loan made by the Bank or otherwise to participate further in the preparation or implementation of any Bank-financed project;
- e. Requires that a clause be included in bidding/request for proposals documents and in contracts financed by a Bank loan, requiring (i) bidders (applicants/proposers), consultants, contractors, and suppliers, and their sub-contractors, sub-consultants, service providers, suppliers, agents personnel, permit the Bank to inspect<sup>2</sup> all accounts, records and other documents relating to the procurement process, selection

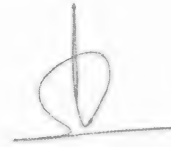
<sup>1</sup> For the avoidance of doubt, a sanctioned party's ineligibility to be awarded a contract shall include, without limitation, (i) applying for pre-qualification, expressing interest in a consultancy, and bidding, either directly or as a nominated sub-contractor, nominated consultant, nominated manufacturer or supplier, or nominated service provider, in respect of such contract, and (ii) entering into an addendum or amendment introducing a material modification to any existing contract

<sup>2</sup> A nominated sub-contractor, nominated consultant, nominated manufacturer or supplier, or nominated service provider (different names are used depending on the particular bidding document) is one which has been: (i) included by the bidder in its pre-qualification application or bid because it brings specific and critical experience and know-how that allow the bidder to meet the qualification requirements for the particular bid, or (ii) appointed by the Borrower.

<sup>3</sup> Inspections in this context usually are investigative (i.e., forensic) in nature. They involve fact-finding activities undertaken by the Bank or persons appointed by the Bank to address specific matters related to investigations audits, such as evaluating the veracity of an allegation of possible Fraud and Corruption, through the appropriate mechanisms. Such activity includes but is not limited to: accessing and examining a firm's or individual's financial records and information, and making copies thereof as relevant; accessing and examining any other documents, data and information (whether in hard copy or electronic format) deemed relevant for the investigation audit, and making copies thereof as relevant; interviewing staff and other relevant individuals; performing physical inspections and site visits, and obtaining third party verification of information.

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and/or contract execution, and to have them audited by auditors appointed by the Bank.

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### III. Special Conditions of Contract

*[Notes in brackets are for guidance purposes only and should be deleted in the final text of the signed contract]*

Number of GC Clause	Amendments of, and Supplements to, Clauses in the General Conditions of Contract
1.1(a)	The Contract shall be construed in accordance with the law of the <b>Islamic Republic of Pakistan</b> .
4.1	The language is: <b>English</b>
6.1 and 6.2	<p><b>The addresses are</b> <i>[fill in at negotiations with the selected firm]:</i></p> <p>Client : Sindh Mass Transit Authority  Transport &amp; Mass Transit Department, Government of Sindh  Attention: Project Director (Karachi Mobility Project)  E-mail: <a href="mailto:kmp.infra.smta@gmail.com">kmp.infra.smta@gmail.com</a> <a href="mailto:pd.kmp.vlc@gmail.com">pd.kmp.vlc@gmail.com</a></p> <p>Consultant : _____</p> <p>Attention : _____</p> <p>Facsimile : _____</p> <p>E-mail (where permitted) : _____</p>
8.1	<p><i>[Note: If the Consultant consists only of one entity, state "N/A":</i>  OR  <i>If the Consultant is a Joint Venture consisting of more than one entity, the name of the JV member whose address is specified in Clause SCC6.1 should be inserted here. ]</i></p> <p><b>The Lead Member on behalf of the JV is</b> _____  <i>[insert name of the member]</i></p>
9.1	<p><b>The Authorized Representatives are:</b></p> <p><b>For the Client:</b> Project Director (Karachi Mobility Project)</p> <p><b>For the Consultant:</b> <i>[name, title]</i> _____</p>
11.1	<b>The effectiveness conditions are the following:</b> signature of the contract by both parties
12.1	<p><b>Termination of Contract for Failure to Become Effective:</b></p> <p>The time period shall be <b>six (06)</b> months.</p>

13.1	<p><b>Commencement of Services:</b></p> <p>The number of days shall be <b>fifteen (15)</b> days for Phase - I For Phase-II, the Phase-II shall commence as the detail design deliverable of a certain package is complete, in all respects, and as per the consent of the Employer.</p> <p>Confirmation of Key Experts' availability to start the Assignment shall be submitted to the Client in writing as a written statement signed by each Key Expert.</p>
14.1	<p><b>Expiration of Contract:</b></p> <p>The time period shall be <b>sixty (60)</b> months.</p>
23.1	<p>0.5% of the respective deliverable cost to be applied after two weeks of delay in submission deadline of that deliverable; and then 0.5% for every additional two weeks of delay; as a penalty from the Client.</p>
24.1	<p><b>The insurance coverage against the risks shall be as follows:</b></p> <ul style="list-style-type: none"> <li>(a) Professional liability insurance, with a minimum coverage of the 1.5 of the value of the contract and claimable in Islamic Republic of Pakistan.</li> <li>(b) Third Party motor vehicle liability insurance in respect of motor vehicles operated in the Client's country by the Consultant or its Experts or Sub-consultants, with a minimum coverage of USD 100,000;</li> <li>(c) Third Party liability insurance, with a minimum coverage of USD 100,000;</li> <li>(d) Employer's Liability and workers' compensation insurance in respect of the experts and Sub-consultants in accordance with the relevant provisions of the applicable law in the Client's country, as well as, with respect to such Experts, any such life, health, accident, travel or other insurance as may be appropriate; and</li> <li>(e) Insurance against loss of or damage to (i) equipment purchased in whole or in part with funds provided under this Contract, (ii) the Consultant's property used in the performance of the Services, and (iii) any documents prepared by the Consultant in the performance of the Services.</li> </ul> <p>Copy of the above insurance policy shall be presented to the Client</p>

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	within 30 days after the Effective Date of this Contract.
27.2	The Consultant shall not use these documents for purposes unrelated to this Contract without the prior written approval of the Client.
32. Removal of Experts or Sub-consultants	<p>Insert the following as Sub-Paragraph 32.3 and renumber original Sub-Paragraph 32.3 as Sub-Paragraph 32.4</p> <p>"Key Experts, Non-Key Experts or Subconsultants who are found to be in breach of the Consultant's Code of Conduct (ESHS) (e.g. spreading communicable diseases, sexual harassment, gender based violence, illicit activity or crime) shall be replaced by the Consultant, or at the Client's written request."</p>
41.2	<p>The ceiling in <b>foreign</b> currency or currencies is: _____ [insert amount and currency for each currency] <b>exclusive</b> of local indirect taxes.</p> <p>The ceiling in <b>local</b> currency is: _____ [insert amount and currency] <b>exclusive</b> of local indirect taxes.</p> <p>Any indirect local taxes chargeable in respect of this Contract for the Services provided by the <b>Consultant</b> shall be paid by the Consultant.</p> <p><b>The amount of such taxes is</b> _____ [insert the amount as finalized at the Contract's negotiations on the basis of the estimates provided by the Consultant in Form FIN-2 of the Consultant's Financial Proposal.]</p>
42.3	<p><b>Price adjustment on the remuneration for the Phase 2.</b></p> <p>Payments for remuneration made in [foreign and/or local] currency shall be adjusted as follows:</p> <p>(1) Remuneration paid in foreign currency on the basis of the rates set forth in <b>Appendix C</b> shall be adjusted every 6 months (and, the first time, with effect for the remuneration earned in the 7<sup>th</sup> calendar month after the date of the Phase 2 commencement) by applying the following formula:</p> $R_t = R_o \times \frac{I_t}{I_o} \quad \text{or} \quad R_t = R_o \times \left[ 0.1 + 0.9 \frac{I_t}{I_o} \right];$ <p>where</p> <p><math>R_t</math> is the adjusted remuneration;</p> <p><math>R_o</math> is the remuneration payable on the basis of the</p>

remuneration rates (**Appendix C**) in foreign currency;

$I_f$  is the official index for salaries in the country of the foreign currency for the first month for which the adjustment is supposed to have effect; and

$I_m$  is the official index for salaries in the country of the foreign currency for the month of the date of the Contract.

The Consultant shall state here the name, source institution, and any necessary identifying characteristics of the official index for salaries corresponding to  $I_f$  and  $I_m$  in the adjustment formula for remuneration paid in foreign currency: *[Insert the name, source institution, and necessary identifying characteristics of the index for foreign currency in the country of the Consultant]*

- (2) Remuneration paid in local currency pursuant to the rates set forth in **Appendix D** shall be adjusted every 6 months (and, the first time, with effect for the remuneration earned in the 7<sup>th</sup> calendar month after the date of the Phase 2 commencement) by applying the following formula:

$$R_f = R_m \times \frac{I_f}{I_m} \quad \text{or} \quad R_f = R_m \times \left[ 0.1 + 0.9 \frac{I_f}{I_m} \right];$$

where

$R_f$  is the adjusted remuneration;

$R_m$  is the remuneration payable on the basis of the remuneration rates (**Appendix D**) in local currency;

$I_f$  is the official index for salaries in the Client's country for the first month for which the adjustment is to have effect; and

$I_m$  is the official index for salaries in the Client's country for the month of the date of the Contract.

The Client shall state here the name, source institution, and any necessary identifying characteristics of the official index for salaries corresponding to  $I_f$  and  $I_m$  in the adjustment formula for remuneration paid in local currency: **Statistical Bulletin issued by the Bureau of Statistics of Pakistan**

- (3) Any part of the remuneration that is paid in a currency different from the currency of the official index for salaries used in the adjustment formula, shall be adjusted by a correction factor  $X_0/X$ .  $X_0$  is the number of units of currency of the country of the official index, equivalent to one unit of the currency of payment on the date of the contract.  $X$  is the number of units of currency of the country of the official index, equivalent to one unit of the currency of payment on the first day of the first month for which the adjustment is supposed to

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	have effect.
43.1 and 43.2	<p>"the Consultant, Sub-consultants and the Experts (other than nationals or permanent residents of the Client's country) shall pay any direct &amp; indirect taxes, duties, fees, levies and other impositions imposed, under the applicable law in the Client's country, on the Consultant, the Sub-consultants and the Experts in respect of:</p> <ul style="list-style-type: none"> <li>(a) any payments whatsoever made to the Consultant, Sub-consultants and the Experts (other than nationals or permanent residents of the Client's country), in connection with the carrying out of the Services;</li> <li>(b) any equipment, materials and supplies brought into the Client's country by the Consultant or Sub-consultants for the purpose of carrying out the Services and which, after having been brought into such territories, will be subsequently withdrawn by them;</li> <li>(c) any equipment imported for the purpose of carrying out the Services and paid for out of funds provided by the Client and which is treated as property of the Client;</li> <li>(d) any property brought into the Client's country by the Consultant, any Sub-consultants or the Experts (other than nationals or permanent residents of the Client's country), or the eligible dependents of such experts for their personal use and which will subsequently be withdrawn by them upon their respective departure from the Client's country, provided that: <ul style="list-style-type: none"> <li>(i) the Consultant, Sub-consultants and experts shall follow the usual customs procedures of the Client's country in importing property into the Client's country; and</li> <li>(ii) if the Consultant, Sub-consultants or Experts do not withdraw but dispose of any property in the Client's country upon which customs duties and taxes have been exempted, the Consultant, Sub-consultants or Experts, as the case may be, (a) shall bear such customs duties and taxes in conformity with the regulations of the Client's country, or (b) shall reimburse them to the Client if they were paid by the Client at the time the property in question was brought into the Client's country.</li> </ul> </li> </ul>
44.1	<b>The currency [currencies] of payment shall be the following:</b> <i>[list currency(ies) which should be the same as in the Financial Proposal, Form FIN-2]</i>

45.1(a)	<p>The following provisions shall apply to the advance payment and the advance bank payment guarantee:</p> <p>(1) An advance payment of 5% of the Phase 1 cost shall be made within 30 days after the Effective Date against a Bank guarantee acceptable to the Client. The advance payment will be set off by the Client in equal installments of 10% against the invoices submitted for the Phase 1 of the Services until the advance payment has been fully set off.</p> <p>(2) The advance bank payment guarantee shall be in the amount and in the currency of the currency(ies) of the advance payment.</p>
45.1(b)	<p><b>Phase 1 schedule of payment:</b></p> <ul style="list-style-type: none"> <li>- 10% of the Phase 1 amount upon acceptance of the <u>Final Inception Report</u>;</li> <li>- 25% of the Phase 1 amount upon acceptance of the <u>Interim Report – Supporting Studies and Analysis</u>;</li> <li>- 35% of the Phase 1 amount upon acceptance of the whole set of Detailed Designs;</li> <li>- 20% of the Phase 1 amount upon acceptance of the whole set of bidding documents;</li> <li>- 10% of the Phase 1 amount upon acceptance of the Detailed Design Review Report for Package 4.</li> </ul> <p>The Consultant shall submit to the Client <b>itemized statements</b> at time intervals of every month, for <b>Phase 2</b> of the assignment.</p>
45.1(e)	<p><b>The accounts are:</b></p> <p>for foreign currency: <i>[insert account]</i>.</p> <p>for local currency: <i>[insert account]</i>.</p>
46.1	<p><b>The interest rate is:</b> 0%</p>
49.	<p><b>Disputes shall be settled by arbitration in accordance with the following provisions:</b></p> <p>1. <u>Selection of Arbitrators</u>. Each dispute submitted by a Party to arbitration shall be heard by a sole arbitrator or an arbitration panel composed of three (3) arbitrators, in accordance with the following provisions:</p> <p>(a) Where the Parties agree that the dispute concerns a technical matter, they may agree to appoint a sole arbitrator or, failing agreement on the identity of such sole arbitrator</p>

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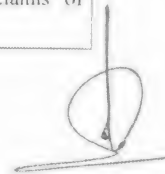


	<p>within thirty (30) days after receipt by the other Party of the proposal of a name for such an appointment by the Party who initiated the proceedings, either Party may apply to the Federation Internationale des Ingenieurs-Conseil (FIDIC) of Lausanne, Switzerland for a list of not fewer than five (5) nominees and, on receipt of such list, the Parties shall alternately strike names therefrom, and the last remaining nominee on the list shall be the sole arbitrator for the matter in dispute. If the last remaining nominee has not been determined in this manner within sixty (60) days of the date of the list, Federation Internationale des Ingenieurs-Conseil (FIDIC) of Lausanne, Switzerland shall appoint, upon the request of either Party and from such list or otherwise, a sole arbitrator for the matter in dispute.</p> <p>(b) Where the Parties do not agree that the dispute concerns a technical matter, the Client and the Consultant shall each appoint one (1) arbitrator, and these two arbitrators shall jointly appoint a third arbitrator, who shall chair the arbitration panel. If the arbitrators named by the Parties do not succeed in appointing a third arbitrator within thirty (30) days after the latter of the two (2) arbitrators named by the Parties has been appointed, the third arbitrator shall, at the request of either Party, be appointed by the Secretary General of the Permanent Court of Arbitration, The Hague.</p> <p>(c) If, in a dispute subject to paragraph (b) above, one Party fails to appoint its arbitrator within thirty (30) days after the other Party has appointed its arbitrator, the Party which has named an arbitrator may apply to the Secretary General of the Permanent Court of Arbitration, The Hague to appoint a sole arbitrator for the matter in dispute, and the arbitrator appointed pursuant to such application shall be the sole arbitrator for that dispute.</p>
	<p>2. <u>Rules of Procedure.</u> Except as otherwise stated herein, arbitration proceedings shall be conducted in accordance with the rules of procedure for arbitration of the United Nations Commission on International Trade Law (UNCITRAL) as in force on the date of this Contract.</p> <p>3. <u>Substitute Arbitrators.</u> If for any reason an arbitrator is unable to perform his/her function, a substitute shall be appointed in the same manner as the original arbitrator.</p> <p>4. <u>Nationality and Qualifications of Arbitrators.</u> The sole arbitrator</p>

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	<p>or the third arbitrator appointed pursuant to paragraphs 1(a) through 1(c) above shall be an internationally recognized legal or technical expert with extensive experience in relation to the matter in dispute and shall not be a national of the Consultant's home country <i>[Note: If the Consultant consists of more than one entity, add: or of the home country of any of their members or Parties/ or of the Government's country. For the purposes of this Clause, "home country" means any of:</i></p> <ul style="list-style-type: none"> <li>(a) the country of incorporation of the Consultant <i>[Note: If the Consultant consists of more than one entity, add: or of any of their members or Parties/; or</i></li> <li>(b) the country in which the Consultant's [or any of their members' or Parties'] principal place of business is located; or</li> <li>(c) the country of nationality of a majority of the Consultant's [or of any members' or Parties'] shareholders; or</li> <li>(d) the country of nationality of the Sub-consultants concerned, where the dispute involves a subcontract.</li> </ul>
	<p>5. <u>Miscellaneous.</u> In any arbitration proceeding hereunder:</p> <ul style="list-style-type: none"> <li>(a) proceedings shall, unless otherwise agreed by the Parties, be held in <i>[select a country which is neither the Client's country nor the Consultant's country];</i></li> <li>(b) the English language shall be the official language for all purposes; and</li> <li>(c) the decision of the sole arbitrator or of a majority of the arbitrators (or of the third arbitrator if there is no such majority) shall be final and binding and shall be enforceable in any court of competent jurisdiction, and the Parties hereby waive any objections to or claims of immunity in respect of such enforcement.</li> </ul>








## IV. Appendices

### APPENDIX A – TERMS OF REFERENCE

*[This Appendix shall include the final Terms of Reference (TORs) worked out by the Client and the Consultant during the negotiations; dates for completion of various tasks; location of performance for different tasks; detailed reporting requirements; Client's input, including counterpart personnel assigned by the Client to work on the Consultant's team; specific tasks that require prior approval by the Client.]*

*Insert the text based on the Section 7 (Terms of Reference) of the ITC in the RFP and modified based on the Forms TECH-1 through TECH-5 in the Consultant's Proposal. Highlight the changes to Section 7 of the RFP.]*

*If the Services consist of or include the supervision of civil works, the following action that require prior approval of the Client shall be added to the "Reporting Requirements" section of the TORs: Taking any action under a civil works contract designating the Consultant as "Engineer", for which action, pursuant to such civil works contract, the written approval of the Client as "Employer" is required.]*

### APPENDIX B - KEY EXPERTS

*[Insert a table based on Form TECH-6 of the Consultant's Technical Proposal and finalized at the Contract's negotiations. Attach the CV's (updated and signed by the respective Key Experts) demonstrating the qualifications of Key Experts.]*

*[Specify: Hours of Work for Key Experts: List here the hours of work for Key Experts; travel time to from the Client's country; entitlement, if any, to leave pay; public holidays in the Client's country that may affect Consultant's work; etc. Make sure there is consistency with Form TECH-6. In particular, one month equals twenty two (22) working (billable) days. One working (billable) day shall be not less than eight (8) working (billable) hours.]*

### APPENDIX C – REMUNERATION COST ESTIMATES

#### 1. Monthly rates for the Experts:

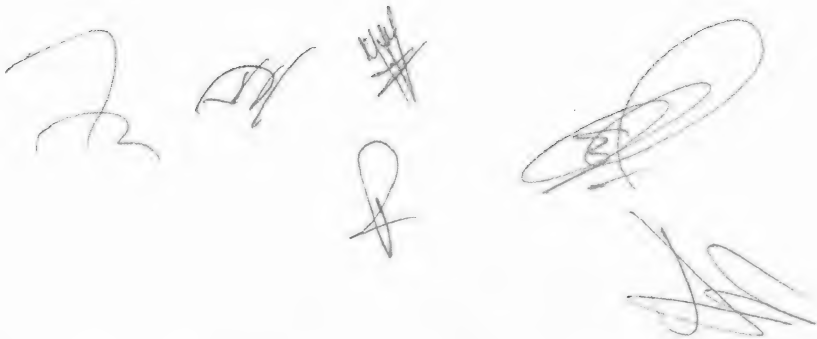
*[Insert the table with the remuneration rates. The table shall be based on [Form FIN-3] of the Consultant's Proposal and reflect any changes agreed at the Contract negotiations, if any. The footnote shall list such changes made to [Form FIN-3] at the negotiations or state that none has been made.]*

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2. [When the Consultant has been selected under Quality-Based Selection method, or the Client has requested the Consultant to clarify the breakdown of very high remuneration rates at the Contract's negotiations also add the following.

"The agreed remuneration rates shall be stated in the attached Model Form I. This form shall be prepared on the basis of Appendix A to Form FIN-3 of the RFP "Consultants' Representations regarding Costs and Charges" submitted by the Consultant to the Client prior to the Contract's negotiations.

Should these representations be found by the Client (either through inspections or audits pursuant to Clause GCC 25.2 or through other means) to be materially incomplete or inaccurate, the Client shall be entitled to introduce appropriate modifications in the remuneration rates affected by such materially incomplete or inaccurate representations. Any such modification shall have retroactive effect and, in case remuneration has already been paid by the Client before any such modification, (i) the Client shall be entitled to offset any excess payment against the next monthly payment to the Consultants, or (ii) if there are no further payments to be made by the Client to the Consultants, the Consultants shall reimburse to the Client any excess payment within thirty (30) days of receipt of a written claim of the Client. Any such claim by the Client for reimbursement must be made within twelve (12) calendar months after receipt by the Client of a final report and a final statement approved by the Client in accordance with Clause GCC 45.1(d) of this Contract."



**Model Form I**  
**Breakdown of Agreed Fixed Rates in Consultant's Contract**

We hereby confirm that we have agreed to pay to the Experts listed, who will be involved in performing the Services, the basic fees and away from the home office allowances (if applicable) indicated below:

(Expressed in [insert name of currency])\*

Experts		1	2	3	4	5	6	7	8
Name	Position	Basic Remuneration rate per Working Month/Day/Year	Social Charges <sup>1</sup>	Overhead <sup>1</sup>	Subtotal	Profit <sup>2</sup>	Away from Home Office Allowance	Agreed Fixed Rate per Working Month/Day/Year	Agreed Fixed Rate per Working Month/Day/Year <sup>1</sup>
Home Office									
Work in the Client's Country									

1 Expressed as percentage of 1

2 Expressed as percentage of 4

\* If more than one currency, add a table

Signature

Date

Name and Title:

**APPENDIX D – REIMBURSABLE EXPENSES COST ESTIMATES**

1. *[Insert the table with the reimbursable expenses rates. The table shall be based on [Form FIN-4] of the Consultant's Proposal and reflect any changes agreed at the Contract negotiations, if any. The footnote shall list such changes made to [Form FIN-4] at the negotiations or state that none has been made.]*

2. *All reimbursable expenses shall be reimbursed at actual cost, unless otherwise explicitly provided in this Appendix, and in no event shall reimbursement be made in excess of the Contract amount.]*





# **APPENDIX E - FORM OF ADVANCE PAYMENTS GUARANTEE** *[See Clause GCC 41.2.1 and SCC 41.2.1]*

*[Guarantor letterhead or SWIFT identifier code]*

## **Bank Guarantee for Advance Payment**

**Guarantor:** \_\_\_\_\_ *[insert commercial Bank's Name and Address of Issuing Branch or Office]*

**Beneficiary:** \_\_\_\_\_ *[insert Name and Address of Client]*

**Date:** \_\_\_\_\_ *[insert date]*

**ADVANCE PAYMENT GUARANTEE No.:** \_\_\_\_\_ *[insert number]*

We have been informed that \_\_\_\_\_ *[name of Consultant or a name of the Joint Venture, same as appears on the signed Contract]* (hereinafter called "the Consultant") has entered into Contract No. \_\_\_\_\_ *[reference number of the contract]* dated \_\_\_\_\_ *[insert date]* with the Beneficiary, for the provision of \_\_\_\_\_ *[brief description of Services]* (hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, an advance payment in the sum of \_\_\_\_\_ *[insert amount in figures]* (\_\_\_\_\_ *[amount in words]*) is to be made against an advance payment guarantee.

At the request of the Consultant, we, as Guarantor, hereby irrevocably undertake to pay the Beneficiary any sum or sums not exceeding in total an amount of \_\_\_\_\_ *[amount in figures]* (\_\_\_\_\_ *[amount in words]*) upon receipt by us of the Beneficiary's complying demand supported by the Beneficiary's a written statement, whether in the demand itself or in a separate signed document accompanying or identifying the demand, stating that the Consultant is in breach of its obligation under the Contract because the Consultant:

- (a) has failed to repay the advance payment in accordance with the Contract conditions, specifying the amount which the Consultant has failed to repay;
- (b) has used the advance payment for purposes other than toward providing the Services under the Contract.

It is a condition for any claim and payment under this guarantee to be made that the advance payment referred to above must have been received by the Consultant on its account number \_\_\_\_\_ at \_\_\_\_\_ *[name and address of bank]*.

The maximum amount of this guarantee shall be progressively reduced by the amount of the advance payment repaid by the Consultant as indicated in certified statements or invoices

<sup>1</sup> The Guarantor shall insert an amount representing the amount of the advance payment and denominated either in the currency(ies) of the advance payment as specified in the Contract, or in a freely convertible currency acceptable to the Client.

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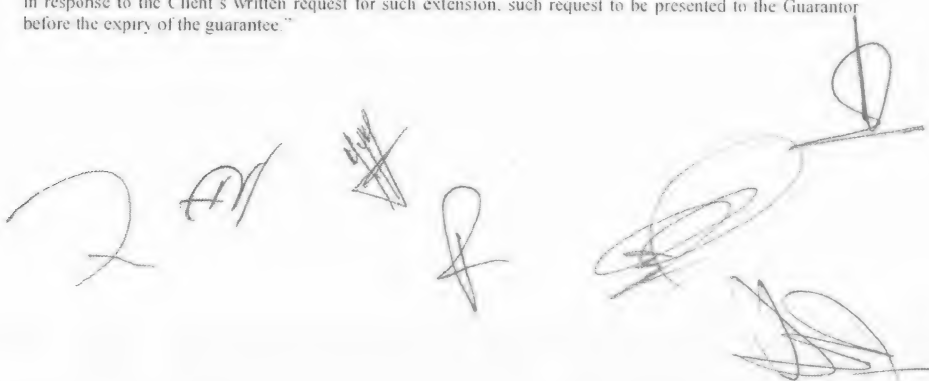
marked as "paid" by the Client which shall be presented to us. This guarantee shall expire, at the latest, upon our receipt of the payment certificate or paid invoice indicating that the Consultant has made full repayment of the amount of the advance payment, or on the \_\_\_ day of \_\_\_/month/\_\_\_\_\_, [year]\_\_\_\_, whichever is earlier. Consequently, any demand for payment under this guarantee must be received by us at this office on or before that date.

This guarantee is subject to the Uniform Rules for Demand Guarantees (URDG) 2010 revision, ICC Publication No. 758.

\_\_\_\_\_  
[signature(s)]

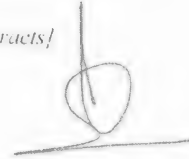
*[Note: All italicized text is for indicative purposes only to assist in preparing this form and shall be deleted from the final product.]*

<sup>2</sup> Insert the expected expiration date. In the event of an extension of the time for completion of the Contract, the Client would need to request an extension of this guarantee from the Guarantor. Such request must be in writing and must be made prior to the expiration date established in the guarantee. In preparing this guarantee, the Client might consider adding the following text to the form, at the end of the penultimate paragraph "The Guarantor agrees to a one-time extension of this guarantee for a period not to exceed [six months][one year], in response to the Client's written request for such extension, such request to be presented to the Guarantor before the expiry of the guarantee."

The bottom of the page contains several handwritten signatures and initials in dark ink. From left to right, there is a large, stylized 'Z' or '2', followed by 'AM', a signature that appears to be 'L. H. H.', a signature that looks like 'R', a large circular stamp or signature, and another signature at the bottom right.

## Appendix F - Code of Conduct (ESHS)

*[Note to Client: to be included for supervision of civil works contracts.]*

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### PART III

#### Section 9. Notification of Intention to Award and Beneficial Ownership Forms



### Notification of Intention to Award

*[This Notification of Intention to Award shall be sent to each Consultant whose Financial Proposal was opened. Send this Notification to the authorized representative of the Consultant].*

For the attention of Consultant's authorized representative

Name: *[insert authorized representative's name]*

Address: *[insert authorized representative's address]*

Telephone/Fax numbers: *[insert authorized representative's telephone fax numbers]*

Email Address: *[insert authorized representative's email address]*

*[IMPORTANT: insert the date that this Notification is transmitted to all Consultants. The Notification must be sent to all Consultants simultaneously. This means on the same date and as close to the same time as possible.]*

**DATE OF TRANSMISSION:** This Notification is sent by: *[email/fax]* on *[date]* (local time)

### Notification of Intention to Award

**Client:** Sindh Mass Transit Authority, Karachi

**Contract title:** Consulting Services in Preparation of Detailed Design, Procurement Support and Construction Supervision for Yellow Bus Rapid Transit Corridor

**Country:** Islamic Republic of Pakistan

**Loan No./Credit No./ Grant No.:** IBRD-89950

**RFP Reference No.:** PK-SMTA-122605-CS-QCBS

This Notification of Intention to Award (Notification) notifies you of our decision to award the above contract. The transmission of this Notification begins the Standstill Period. During the Standstill Period you may:

- a) request a debriefing in relation to the evaluation of your Proposal, and/or
- b) submit a Procurement-related Complaint in relation to the decision to award the contract.

#### 1. The successful Consultant

Name:	<i>[insert name of successful Consultant]</i>
Address:	<i>[insert address of the successful Consultant]</i>
Contract price:	<i>[insert contract price of the successful Consultant]</i>





2. Short listed Consultants **[INSTRUCTIONS: insert names of all short listed Consultants and indicate which Consultants submitted Proposals. Where the selection method requires it, state the price offered by each Consultant as read out, and as evaluated. Include overall technical scores and scores assigned for each criterion and sub-criterion. Select Full Technical Proposal (FTP) or Simplified Technical Proposal (STP) in the last column below.]**

Name of Consultant	Submitted Proposal	[use for FTP] Overall technical scores	[use for STP] Overall technical scores	Financial Proposal price (if applicable)	Evaluated Financial Proposal price (if applicable)	Combined score and ranking (if applicable)
[insert name]	[yes/no]	Criterion (i): [insert score] Criterion (ii): [insert score] Criterion (iii): [insert score] Sub-criterion a: 1: [insert score] 2: [insert score] 3: [insert score] Sub-criterion b: 1: [insert score] 2: [insert score] 3: [insert score] Sub-criterion c: 1: [insert score] 2: [insert score] 3: [insert score] Criterion (iv): [insert score] Criterion (v): [insert score] Total score: [insert score]	Criterion (i): [insert score] Criterion (ii): [insert score] Sub-criterion a: [insert score] Sub-criterion b: [insert score] Sub-criterion c: [insert score] Total score: [insert score]	[Proposal price]	[evaluated price]	Combined Score: [combined score] Ranking: [ranking]
[insert name]	[yes/no]	Criterion (i): [insert score] Criterion (ii): [insert score] Criterion (iii): [insert score] Sub-criterion a:	Criterion (i): [insert score] Criterion (ii): [insert score] Sub-criterion a: [insert score] Sub-criterion b: [insert score]	[Proposal price]	[evaluated price]	Combined Score: [combined score] Ranking: [ranking]

Name of Consultant	Submitted Proposal	[use for FTP] Overall technical scores	[use for STP] Overall technical scores	Financial Proposal price (if applicable)	Evaluated Financial Proposal price (if applicable)	Combined score and ranking (if applicable)
		1: [insert score] 2: [insert score] 3: [insert score] Sub-criterion b: 1: [insert score] 2: [insert score] 3: [insert score] Sub-criterion c: 1: [insert score] 2: [insert score] 3: [insert score] Criterion (iv): [insert score] Criterion (v): [insert score] Total score: [insert score]	Sub-criterion c: [insert score] Total score: [insert score]			
[insert name]	[yes/no]	Criterion (i): [insert score] Criterion (ii): [insert score] Criterion (iii): [insert score] Sub-criterion a: 1: [insert score] 2: [insert score] 3: [insert score] Sub-criterion b: 1: [insert score] 2: [insert score] 3: [insert score] Sub-criterion c: 1: [insert score]	Criterion (i): [insert score] Criterion (ii): [insert score] Sub-criterion a: [insert score] Sub-criterion b: [insert score] Sub-criterion c: [insert score] Total score: [insert score]	[Proposal price]	[evaluated price]	Combined Score: [combined score] Ranking: [ranking]

*[Handwritten signatures and initials are present in the right margin of the page.]*

Name of Consultant	Submitted Proposal	[use for FTP] Overall technical scores	[use for STP] Overall technical scores	Financial Proposal price (if applicable)	Evaluated Financial Proposal price (if applicable)	Combined score and ranking (if applicable)
		2: [insert score] 3: [insert score] Criterion (iv): [insert score] Criterion (vi): [insert score] Total score: [insert score]				
[insert name]	...					
...	...					

**3. Reason/s why your Proposal was unsuccessful** *[Delete if the combined score already reveals the reason]*

**[INSTRUCTIONS; State the reason/s why this Consultant's Proposal was unsuccessful. Do NOT include: (a) a point by point comparison with another Consultant's Proposal or (b) information that is marked confidential by the Consultant in its Proposal.]**

**4. How to request a debriefing** *[This applies only if your proposal was unsuccessful as stated under point (3) above]*

**DEADLINE:** The deadline to request a debriefing expires at midnight on *[insert date]* (local time).

You may request a debriefing in relation to the results of the evaluation of your Proposal. If you decide to request a debriefing your written request must be made within three (3) Business Days of receipt of this Notification of Intention to Award.

Provide the contract name, reference number, name of the Consultant, contact details; and address the request for debriefing as follows:

**Attention:** *[insert full name of person, if applicable]*

**Title/position:** *[insert title position]*

**Agency:** *[insert name of Client]*

**Email address:** *[insert email address]*

**Fax number:** *[insert fax number] delete if not used*

If your request for a debriefing is received within the 3 Business Days deadline, we will provide the debriefing within five (5) Business Days of receipt of your request. If we are unable to provide the debriefing within this period, the Standstill Period shall be extended by five (5) Business Days after the date that the debriefing is provided. If this happens, we will notify you and confirm the date that the extended Standstill Period will end.

The debriefing may be in writing, by phone, video conference call or in person. We shall promptly advise you in writing how the debriefing will take place and confirm the date and time.

If the deadline to request a debriefing has expired, you may still request a debriefing. In this case, we will provide the debriefing as soon as practicable, and normally no later than fifteen (15) Business Days from the date of publication of the Contract Award Notice.

**5. How to make a complaint**

**DEADLINE:** The deadline for submitting a Procurement-related Complaint challenging the decision to award the contract expires on midnight, *[insert date]* (local time).

Handwritten signatures and initials are present at the bottom of the page, including a large signature on the left, a signature in the center, and several initials on the right.

Provide the contract name, reference number, name of the Consultant, contact details; and address the Procurement-related Complaint as follows:

**Attention:** [insert full name of person, if applicable]

**Title/position:** [insert title position]

**Agency:** [insert name of Client]

**Email address:** [insert email address]

**Fax number:** [insert fax number] *delete if not used*

[At this point in the procurement process] [Upon receipt of this notification] you may submit a Procurement-related Complaint challenging the decision to award the contract. You do not need to have requested, or received, a debriefing before making this complaint. Your complaint must be submitted within the Standstill Period and received by us before the Standstill Period ends.

Further information:

For more information see the "Procurement Regulations for IPF Borrowers (Procurement Regulations) (Annex III)." You should read these provisions before preparing and submitting your complaint. In addition, the World Bank's Guidance "How to make a Procurement-related Complaint" provides a useful explanation of the process, as well as a sample letter of complaint.

In summary, there are four essential requirements:

1. You must be an 'interested party'. In this case, that means a Consultant who has submitted a Proposal in this selection process, and is the recipient of a Notification of Intention to Award.
2. The complaint can only challenge the decision to award the contract.
3. You must submit the complaint within the deadline stated above.
4. You must include, in your complaint, all of the information required by the Procurement Regulations (as described in Annex III).

## 6. Standstill Period

**DEADLINE:** The Standstill Period is due to end at midnight on [insert date] (local time).

The Standstill Period lasts ten (10) Business Days after the date of transmission of this Notification of Intention to Award.

The Standstill Period may be extended. This may happen where we are unable to provide a debriefing within the five (5) Business Day deadline. If this happens we will notify you of the extension.

If you have any questions regarding this Notification, please do not hesitate to contact us.

Handwritten signatures and initials are present at the bottom of the page, including a large signature on the left, a signature in the center, and a signature on the right.



On behalf of *[insert the name of the Client]*:

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

Title/position: \_\_\_\_\_

Telephone: \_\_\_\_\_

Email: \_\_\_\_\_

A handwritten signature in black ink, consisting of a stylized 'S' or 'L' shape with a horizontal line extending to the right.A collection of handwritten signatures and initials in black ink. On the left is a large, circular signature. To its right are several smaller signatures and initials, including one that appears to be 'M' and another that looks like '1/11/11'.

## Beneficial Ownership Disclosure Form

**INSTRUCTIONS TO CONSULTANTS: DELETE THIS BOX ONCE YOU HAVE COMPLETED THE FORM**

*This Beneficial Ownership Disclosure Form ("Form") is to be completed by the successful Consultant. In case of joint venture, the Consultant must submit a separate Form for each member. The beneficial ownership information to be submitted in this Form shall be current as of the date of its submission.*

*For the purposes of this Form, a Beneficial Owner of a Consultant is any natural person who ultimately owns or controls the Consultant by meeting one or more of the following conditions:*

- *directly or indirectly holding 25% or more of the shares*
- *directly or indirectly holding 25% or more of the voting rights*
- *directly or indirectly having the right to appoint a majority of the board of directors or equivalent governing body of the Consultant*

**Request for Proposal reference No.:** PK-SMTA-122605-CS-QCBS

**Name of the Assignment:** Consulting Services in Preparation of Detailed Design, Procurement Support and Construction Supervision for Yellow Bus Rapid Transit Corridor

**To:** Sindh Mass Transit Authority  
Transport & Mass Transit Department, Government of Sindh

In response to your notification of award dated *[insert date of notification of award]* to furnish additional information on beneficial ownership: *[select one option as applicable and delete the options that are not applicable]*

(i) we hereby provide the following beneficial ownership information.

### Details of beneficial ownership

Identity of Beneficial Owner	Directly or indirectly holding 25% or more of the shares (Yes / No)	Directly or indirectly holding 25 % or more of the Voting Rights (Yes / No)	Directly or indirectly having the right to appoint a majority of the board of the directors or an equivalent governing body of the Consultant (Yes / No)

*[Handwritten signatures and initials are present below the table, including a large signature on the right and several initials on the left.]*

<i>[include full name (last, middle, first), nationality, country of residence]</i>			
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OR

(ii) We declare that there is no Beneficial Owner meeting one or more of the following conditions:

- directly or indirectly holding 25% or more of the shares
- directly or indirectly holding 25% or more of the voting rights
- directly or indirectly having the right to appoint a majority of the board of directors or equivalent governing body of the Consultant

OR

(iii) We declare that we are unable to identify any Beneficial Owner meeting one or more of the following conditions. [If this option is selected, the Consultant shall provide explanation on why it is unable to identify any Beneficial Owner]

- directly or indirectly holding 25% or more of the shares
- directly or indirectly holding 25% or more of the voting rights
- directly or indirectly having the right to appoint a majority of the board of directors or equivalent governing body of the Consultant]

Name of the Consultant: \*[insert complete name of the Consultant]

Name of the person duly authorized to sign the Proposal on behalf of the Consultant:  
\*\*[insert complete name of person duly authorized to sign the Proposal]

Title of the person signing the Proposal: [insert complete title of the person signing the Proposal]

Signature of the person named above: [insert signature of person whose name and capacity are shown above]

Date signed [insert date of signing] day of [insert month], [insert year]

\* In the case of the Proposal submitted by a Joint Venture specify the name of the Joint Venture as Consultant. In the event that the Consultant is a joint venture, each reference to "Consultant" in the Beneficial Ownership Disclosure Form (including this Introduction thereto) shall be read to refer to the joint venture member.

\*\* Person signing the Proposal shall have the power of attorney given by the Consultant. The power of attorney shall be attached with the Proposal Schedules.

Handwritten signatures and initials are present at the bottom of the page, including a large signature on the left, a signature in the center, and several initials on the right.

**Islamic Republic of Pakistan**  
**Government of Sindh**  
**Sindh Mass Transit Authority – Project Management Team**  
**KARACHI MOBILITY PROJECT**

**Terms of Reference for Consulting Services**

**Preparation of  
Detailed Design, Procurement Assistance and Supervision of Works for  
Yellow Bus Rapid Transit Corridor**

**1 BACKGROUND**

The implementation of a comprehensive solution to Karachi's severe urban mobility problems is underway through decisive Federal and Provincial Governments engagement towards the implementation of a Bus Rapid Transit System (BRTS) as planned under the Karachi Urban Transport Master Plan of 2030. As of 2018, the BRTS implementation efforts in the city, spearheaded by the Federal Government, Government of Sindh (GoS), and the Sindh Mass Transit Authority (SMTA), were focused on: (i) completion of roadworks and associated facilities, and selection of an operator for BRTS operation and maintenance for the Green/Orange Corridor; (ii) continuation and follow-up of contracts for planning, detail engineering design, and business plan definition for the Red Corridor; and (iii) elaboration/update of preliminary design and feasibility studies for Yellow BRT Corridor.

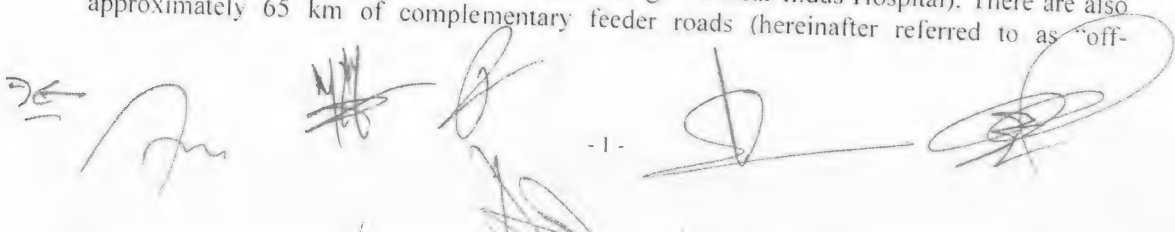
The GoS, SMTA and the World Bank (WB) are committed to financing the infrastructure and structuring the operation and business model for the Yellow BRT Corridor, using a mix of financing instruments to maximize the available funding for the development and operation of the BRTS, through the Karachi Mobility Project (KMP). The KMP follows the integrated corridor management approach aiming to improve the needs of all road users along the corridor (mobility, accessibility, safety). Severely deteriorated road sections along the Yellow BRT Corridor and catchment areas will be improved, traffic management will be upgraded, and parking issues will be addressed. It is estimated that more than 700,000 people will benefit from this project, particularly people living and working along the Korangi industrial area.

In order to support execution of the infrastructure component of the KMP, the SMTA and its Project Management Team (PMT) (hereinafter referred to as "the Client" or "the Employer", as relevant) wishes to engage a qualified consulting firm (hereinafter referred to as "the Consultant") to undertake preparation of Detailed Design, provide procurement assistance, construction supervision, contract administration (in the capacity of the Engineer), and provide support in monitoring and ensuring environmental and social (E&S) safeguard (SG) compliance.

**2 DESCRIPTION OF YELLOW BRT CORRIDOR**

The Yellow BRT Corridor is approximately 21 km long, starting from Dawood Chowrangi to Numaish, and is part of the overall planned Karachi Mass Transit System (KMTS). Its segments are presented in Table 1 and Figure 2, however the Yellow BRT system will also comprise two bus depots (near Dawood Chowrangi and near Indus Hospital). There are also approximately 65 km of complementary feeder roads (hereinafter referred to as "off-

- 1 -



corridors") which would be improved as part of the Yellow BRT Corridor development project (Figure 1).

Figure 1 Planned mass transit corridors

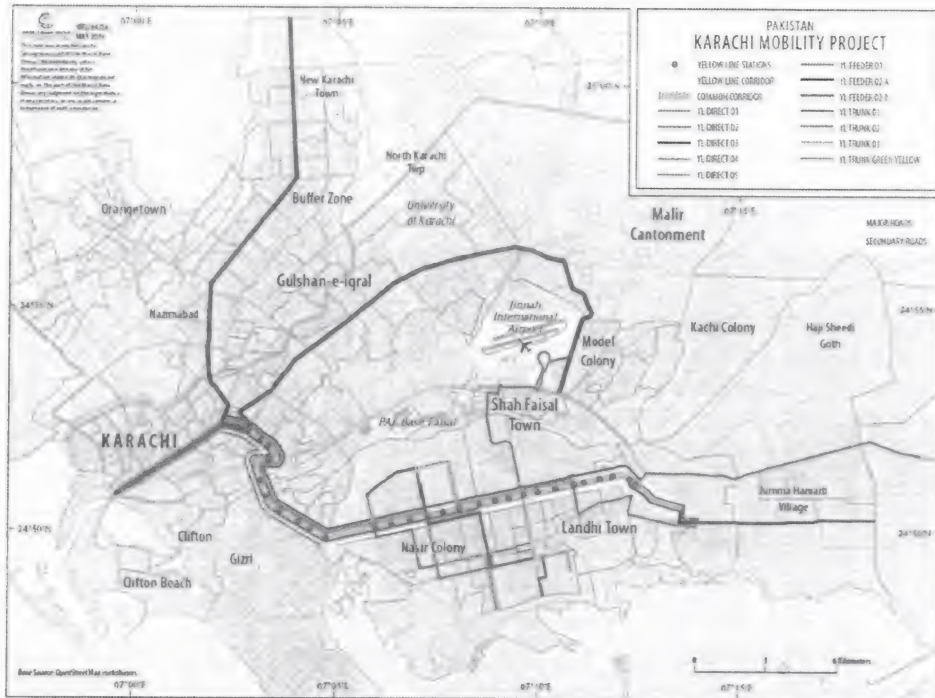


Table 1 Yellow BRT Corridor segments

Segment	Length [km]
0 Dawood Chowrangi - from bus depot entrance to Dawood Chowrangi	0.3
1 Future Colony - from Dawood Chowrangi terminal to Manshara Colony	1.15
2 8000 Road - from Manshara Colony to Malir River bridge (Jam Sadiq)	10.65
3 Malir River bridge (Jam Sadiq)	1.1
4 KPT interchange	0.85
5 Korangi Road - from KPT Interchange to Shahrah-e-Faisal Interchange	3.9
6 Shahrah-e-Faisal - from Shahrah-e-Faisal Interchange to Shahrah-e-Qaideen	1.65
7 Shahrah-e-Qaideen - from Shahrah-e-Faisal to M.A. Jinnah Road	1.4
Total:	21.0

Figure 2 Yellow BRT Corridor segments

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## 2.1 PRELIMINARY DESIGN

Preliminary Design for the Yellow BRT Corridor has been first prepared in 2014 and then further updated in 2019. During Preliminary Design preparation, mapping of existing road conditions and utilities was performed along the corridor. Also, traffic simulations were carried out at selected junctions. Content of the Preliminary Design drawings is summarized in Table 2. These were also accompanied by relevant technical documentation and cost estimates. Drawings are presented in the scale generally appropriate for Preliminary Designs in urban conditions, namely:

- 1:500 for general horizontal alignment and overall layout;
- 1:200 for vertical alignment;
- 1:200 for on stations sites, restructured junctions, and proposed elevated or underground sections;
- 1:50 for relevant details at sidewalks, stairways, pedestrian crossings, station arrangements, passenger shelters, structures, utilities.

Table 2 Summary of the Preliminary Design drawings

Volume	Title	Drawings
I	Infrastructure works	General drawings Topographic survey Layout plan, including typical cross sections and details Existing utilities Depots' typical details Storm water drainage (concept of the system)
II	Architecture and structural works	Stations (typical layouts and cross sections) Depots (master plan layout and structures' layouts and sections)
III	Mechanical, electrical and plumbing works	Layouts, typical details and general distribution schemes for mechanical works, electrical works, plumbing, sewerage and firefighting, at depots

The following cost components are included in the cost estimate:

- Civil road works (e.g. pavements, delineators, curbs, drainage system);
- Stations (e.g. entrance, kiosk, platform, alignment curbs, shutters, doorways, ceiling, lighting, roof, etc.);

- 3 -

- Bus shelters;
- Traffic signals and traffic management system;
- Road markings and signage;
- Street lighting and urban furniture;
- Utility connections to stations (e.g. water, electricity, telecommunications, sewerage);
- Depot facilities;
- Integration facilities (e.g. universally accessible pedestrian facilities, bicycle parking, pedicab and taxi integration facilities, park-and-ride facilities);
- Intelligent transport system (ITS) (e.g. real-time information displays);
- Fare system equipment (e.g. sales vending, smart cards, validators, gates).

Costing of off-corridor interventions was not estimated in detail through the Preliminary Design.

## 2.2 ENVIRONMENTAL AND SOCIAL IMPACT ASSESSMENT

Consistent with the WB Safeguard Policies and provincial regulatory requirements – Sindh Environmental Protection Agency (SEPA) under SEPA 2014 –an Environmental Impact Assessment (EIA), a Social Impact Assessment (SIA), and a Compensation and Livelihood Rehabilitation Plan (CLRP) for KMP in May-2019 have been conducted. These safeguard documents are largely based on the 2019 Preliminary Design for the Yellow BRT Corridor. During Preliminary Design preparation, mapping of existing road conditions and utilities was performed along the corridor. Also, traffic simulations were carried out at selected junctions.

Given the project is now planning to commission detailed project design, changes are expected from the preliminary design proposal. Any change, particularly in crucial parameters such as: realignment of original BRT route, shifting to grade-separated solutions instead of at-grade, relocation of key structures (bus stops, parking areas, depots), and expansion of work scope etc. may trigger additional environmental and social implications including safety issues, all requiring renewed assessment. In addition, possible changes in socio-economic context that might have emerged/evolved over time since the preliminary design was completed may require environmental and social assessment afresh. Notwithstanding, the environmental and social assessment also highlights the study limitations and suggests further addition<sup>1</sup>/(revision) under such backdrop.

## 3 OBJECTIVE OF THE ASSIGNMENT

Objectives of these consulting services are to:

1. Prepare Detailed Design on the basis of the available Preliminary Design results and recommendations, including the element of the *Value Engineering* (predominantly in terms of materials selection, optimization of pavement structures, systematization of structures and components, and technology) to determine if better cost-effective alternatives are viable, however without compromising the quality and functionality of the infrastructure along the Yellow BRT Corridor and off-corridors;

<sup>1</sup> KMP ESIA-Section 1.7 Page-38.

2. Assist the Client in preparation of Employer's requirements for 1 km long bridge, by thoroughly reviewing the available Preliminary Design and deciding on the extent of information to be added in the Employer's requirements so that excess of information does not provide basis for the contractor to absolve from the responsibility of the design and sufficiency of the contract price;
3. Assess the environmental and social safeguard requirements emerged/evolved during detailed design and assist the Client to integrate them in the draft EIA, SIA and CLRP to finalize (as detailed in E&S sections below).
4. Support PMT in the implementation of the project in an environmentally and socially safe and sustainable manner. To undertake capacity building of the PMT
5. Assist the Client in preparation of bidding documents for construction contracts;
6. Provide necessary procurement and technical assistance including environmental and social safeguards to the Client during the bidding processes including, but not limited to, attending the pre-selection and pre-bid meetings, evaluation of bids, and contract award and signing;
7. Supervise the works to ensure that the executed works comply with the approved design, internationally acceptable technical specifications, environmental and social safeguards and sound engineering practice;
8. Prepare final construction reports and compile full set of as-built drawings of all completed works, as well as full set of documents for entry into cadaster books/records;
9. Support the use of Building Information Modeling (BIM) for constructing the whole of the asset digitally and using this model to support all stakeholders during the complete lifecycle of the project.

#### 4 SCOPE OF SERVICES

The scope of services, grouped in two phases, consist of the following major tasks:

##### Phase 1: DESIGN

1. Task 1 → Preparation of Detailed Designs;
2. Task 2 → Preparation of Bidding Documents for Contractor Selection;

##### Phase 2: SUPERVISION

3. Task 3 → Construction Supervision and Contracts Administration, including post-construction activities.

#### 4.1 TASK 1 – PREPARATION OF DETAILED DESIGNS

The Preliminary Design and a BRT Operational Plan have already been carried out for the Yellow BRT Corridor. The Consultant shall carry out an in-depth review of both with special emphasis on mobility, accessibility, safety, Value Engineering, suggest and incorporate improvements, if any, in the detailed designs. The review must include but not limited to:

1. Be carried out to verify the most cost-effective solution considering local conditions, good international BRT design and operational practices, and lessons learnt from





similar projects in Pakistan<sup>2</sup> and international have been adopted/implemented before to the elaboration of the Detailed Design Package.

2. Cover the design criteria which were developed during the Preliminary Design stages and prepare a harmonized KMTS BRT Design Framework. Any suggested improvements will be discussed and agreed with the Client during the inception stage of the services and will become the part of Inception Report. The Consultant shall ensure that all the agencies are clear and in agreement on the Design Framework for the preparation of the Detailed Design and that consistent design standards are used.

The main purpose of the Detailed Design is to: (i) provide sufficient detail for preparation of bidding documents and execution of works and (ii) be prepared in accordance with environmental and social safeguards documentation.

The Detailed Design drawings are to contain sufficient details to permit contractors to carry out construction work effectively, unambiguously and with highest standards of quality, consistent with environmental and social safeguards documentation. It is expected for the outputs to be supported by relevant reports, calculations and specifications.

The Consultant must follow relevant Pakistani legislation, technical regulations and specifications to develop the Detailed Design. In case that certain elements are not regulated through the relevant Pakistani documents, primary source of information will be relevant AASHTO (American Association of State Highway and Transportation Officials) or ASTM (American Society for Testing and Materials) guidelines and standards. All issues related to the utilization of legislation, technical regulations and specifications will be resolved during the inception stage of the services.

The Consultant's attention is specifically drawn to the fact that the preparation of the Detailed Design for the Yellow BRT Corridor and complementary off-corridors *must run in parallel* so there will be a need for adequate capacity to prepare designs and bidding documents within the required time.

**Universal Access Design Premise:** The Consultant must apply universal access design principles and guidelines throughout all aspects of the detail design of the BRT infrastructure and the associated facilities proposed by the project. Important features enabling inclusiveness for all, particularly those living with a disability and/or limited mobility, that will be incorporated include those related to (i) urban transport system accessibility; (ii) prioritization of Non-Motorized Transport (NMT) in terms of provision of adequate space and safety; and (iii) geometric design as a traffic calming passive measure. The design of access to the stations will be subject to a safety assessment to verify the optimal nature of the infrastructure built; in general, the Safe Systems approach

#### 4.1.1 Recommendations from Preliminary Design Stage

Background: The Preliminary Design update was streamlined with the objective of offsetting these time-consuming tasks to detail design phases. Some of these include GT investigations, hydro-geological survey, traffic analysis along the corridor including all intersections, pedestrian access study and parking study, among others.

<sup>2</sup> Parallel design criteria have been used in other BRT corridors implemented or in the course of implementation within the Karachi Metropolitan Area, namely Green and Red BRT Corridors and operational systems in Punjab.

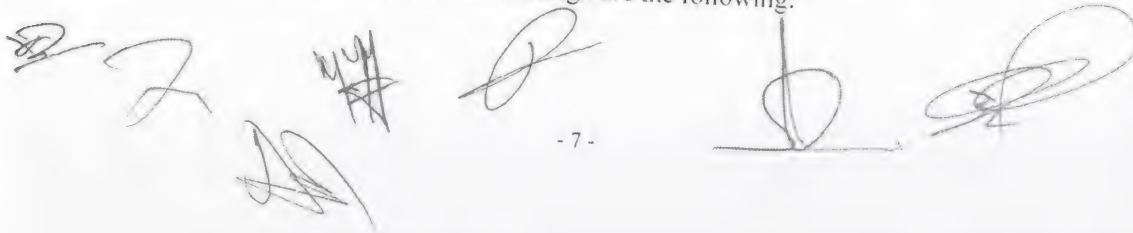
A Road Safety Audit (RSA) was completed as part of the preliminary design stage. Its findings and recommendations were catered for at the preliminary design stage. Similarly, some recommendations were offset as well to be incorporated in the detail design.

Recommendations:

Following the completion of preliminary designs, the main concern related to the comprehensiveness reached by the traffic analysis and the intersection design supported by it. Consequently, the following facts have been highlighted as key to consider when developing the detailed design aspects on intersection, signaling, and traffic management. Important aspects and facts relevant to the preparation of detailed designs are:

1. Preliminary traffic analysis was carried out at selected intersections based on limited data either previously collected and made available to the design team or collected at preliminary stages. A full-fledged traffic analysis needs to be conducted along the corridor to either validate the solutions presented in the preliminary design and/or determine the need, depth and level required to carry out a technical update or revision. Important aspects to note:
2. It is to be kept in mind that the preliminary design was developed under the premise of maintaining at-grade solutions as the preferred option while prioritizing the improvement of BRT system's level of service.
3. At specific sites where at-grade solutions could not be implemented, grade-separated solutions were recommended.
4. Given the time and budget constraints, sites where existing conditions required the implementation of complex solutions were not studied at the detail and technical depth required (e.g. Tariq Road, KPT interchange). This task is pending and needs to be carried out at detailed design phase.
5. The impact of a comprehensive traffic analysis, keeping in mind the preference of an at-grade solution, needs to be reassessed by revisiting traffic circulation patterns, its impact on side / cross roads, and road geometry changes.
6. Traffic signal optimization / phasing will be dependent upon the final intersection geometry and functional design.
7. Various options were considered to enable at-grade intersections to operate at an acceptable LOS. This was achieved by, primarily, banning all right-turn movements and rerouting them through cross roads (Michigan left-turn solution) for which side road geometry will need to be more closely looked at. This situation is more pronounced along 8000 Road where grade-separated solutions have been recommended as the preferred option.
8. Similarly, specific solutions to be studied are the rerouting of traffic "around the block" to reduce traffic volumes and right-turning movements at the main intersections along the project.
9. A comprehensive traffic signal phasing plan will need to be developed in conjunction with the geometric improvements to allow for at-grade solutions, if possible.
10. The mitigation measures proposed in the EIA and SIA for the design stage consideration should be reviewed and integrated in the detailed design.

Additional recommendations for detailed design are the following:



- 7 -



1. Traffic movements on Tariq Road intersection and Khalid Bin Waleed Road intersection, along Shahrah-e-Qaideen Road, should especially be evaluated during the detail design phase. A Traffic Circulation Plan comprising these two intersections should be prepared and evaluated. At Tariq Road intersection, analysis of the existing traffic data shows that even after grade-separating the BRT flows, the at-grade traffic experiences significant delays. This will need to be looked at in a holistic manner to find solutions to improve the LOS and reduce delays at this intersection, while remaining within budget and aligned with the design premises established for the project.
2. KPT interchange stands as one of the most critical junctions along the corridor with five-legs merging at a large elliptical roundabout. The preliminary design envisages BRT buses running at-grade, cutting through the roundabout with stations proposed opposite Imtiaz Superstore. The BRT lanes crossing into the roundabout will require signalized operations. It is recommended that a detailed study be conducted to evaluate options for maneuvering KPT Interchange roundabout.
3. Traffic rerouting at Korangi Road/South Avenue intersection, as proposed in the preliminary design, needs to be further streamlined during the detailed design phase.
4. The preliminary design shows the location of traffic signals (vehicular and pedestrian). However, a detailed traffic signal plan along with signal timing plan (including pedestrian signal heads for BRT operation, mix traffic, merging of feeder service and others throughout the corridor) will need to be developed once the detail design is finalized and supported by a comprehensive traffic analysis.
5. No information regarding pedestrian accessibility was available during the preliminary design. Several signalized or protected at-grade pedestrian crossings have been included as part of the preliminary design. Detailed pedestrian accessibility analysis is recommended to be performed during the detailed design as part of a larger station area planning analysis. This should provide details on pedestrian flows and demand at various highly frequented locations along the corridor. The results of the same will enable finalizing the location / access of the pedestrians in the detailed design plans.
6. The preliminary design does not include detailed traffic signage plans, although the quantities for the same have been accounted for in the cost estimate. Detailed plans for road lane markings, parking spots, traffic signs and traffic gantries throughout the corridor as per MUTCD / local guidelines are to be included in the detail design.
7. Parking maneuvers take place all along the corridor at various locations. Along 8000 Road, heavy truck / trailer parking is prevalent on the service roads and on the katcha<sup>3</sup> area between the carriageway and Service Road. Similarly, rickshaws / taxis park on the outside lanes in commercial / business areas due to lack of parking opportunities. A parking study is recommended to be performed, and a plan made for the provision of parking facilities to provide the required bays. The regulatory authority would then need to enforce parking regulation especially in the initial period of operation of the new BRTS.
8. Provision of spaces for feeder/complementary services or passenger drop-off/pick up near many stations will be required. It is very likely that passengers will continue their journey by one of these modes and that there will be high demand for taxis and other

<sup>3</sup> Areas beyond the project's limits occurring on segments where the available ROW exceeds the width of the proposed interventions.

informal modes to stop in the mix traffic lanes by the stations to serve BRT passengers. Increased traffic at the station locations will also lead to an increase in vendors and informal business by the stations. This can lead to sidewalk space reduction, traffic congestion and increased crashes. It is recommended that detailed station area planning should be conducted and define space for vendors, amenities and other services including rickshaws, taxis etc.

9. Motorcycle lanes have been provided in the design, where possible. Adequate measures have been proposed to ensure safety of motorcyclists in the design such as separating the lanes from mix-traffic for safety. It is recommended that a detail study should be conducted for provision of separate motorcycle lane and provide solutions to impediments for its operation throughout the corridor.
10. Parking spaces for buses have been provided at the depots. However, the circulation plan for BRT buses circulation within Depots and stacking of buses would need to be finalized during the detailed design.
11. Detailed Geotechnical Investigation and Hydrological Survey should be performed.
12. Pavement structure (Rigid & Flexible) has been designed on the basis of preliminary geotechnical investigations along the corridor. The same may need to be updated as per detailed Geotechnical Investigation report.
13. Initial structural evaluation of Jam Sadiq Bridge and Kala Pull were carried out through non-destructive testing using a rebound Schmidt Hammer at randomly selected accessible structural elements of the bridge to get rough idea of strength of concrete. Detailed structural evaluation of Jam Sadiq Bridge and Kala Pull are required for re-strengthening of the deficient structural elements.
14. It must be ensured at the detail design phase that outfall location or disposal point (existing drain or nullah) of the pipe discharging the flow generated from underpasses is clear and free from all debris to ensure continuous flow and prevent any accumulation of water in underpass.
15. Various utility agencies provided their utility plans and their estimates. The actual location of utilities may yet be different than those shown on the plans. Close coordination with utility agencies will be required during detailed design.
16. All pedestrian access / ramps should have universal accessibility and compliance to ADA guidelines. A typical is included in the preliminary design drawings. The detail design will need to design specific ramps for each type of access.
17. Traffic calming measures such as rumble strips and similar measures increase safety of the pedestrians and motorists alike by reducing operating speeds. The use of rumble strips will be in addition to speed humps. These will be most typically placed where at-grade pedestrian crossings take place.
18. Integration of Yellow BRT Corridor with other mass transit projects such as Karachi Circular Railway and Brown MRT Line is required to be studied during the detail design phase, and the locations of stations may need to be adjusted accordingly. Yellow BRTS crosses KCR at Kala Pull, whereas Brown MRT Line connects with Yellow BRT at Singer Chowrangi.
19. Jam Sadiq bridge should be further studied in conjunction with proposed project of Malir Expressway during the detail design phase.



20. A flyover has been proposed at Dawood Chowrangi by the government, which will need to be dovetailed with the project during the detail design phase.

#### 4.1.2 Supporting Technical Studies and Analyses

Based on the review of the Preliminary Design, and the associated surveys and investigations undertaken, the Consultant shall undertake additional and comprehensive engineering surveys, field investigations and laboratory testing leading to updated technical studies and analyses, including, but not limited to, traffic engineering study (motorized and non-motorized flows including pedestrian), detailed surveys and investigations on utilities, detailed topographic surveys (with DTM of the entire corridor), hydrological, hydro-geological, geotechnical, and condition assessment on existing structures and pavement condition. These additional surveys, investigations, tests and analyses will aim to provide missing or refresh outdated data from the preliminary design phase in order to develop technically correct and comprehensive designs and relevant details.

The consultant shall:

1. Following the review of existing traffic engineering study, refine the analysis by undertaking additional or updating existing classified traffic count surveys and undertake a detailed traffic engineering analysis and simulation on of the entire Yellow BRT Corridor, specifically to validate the traffic patterns, eventual impacts on congestions, passenger movements, and to anticipate the capacity, level of service, queue lengths, and other traffic parameters at each intersection of the Yellow BRT Corridor. Furthermore, the consultant shall also carry out simulation of depots, integration of feeder routes with BRT, weaving sections for the BRT in mix-traffic, and pedestrian/passenger simulations at major stations. The simulations outputs (traffic parameters, assumptions, data, simulation videos, etc.) shall be submitted by the consultant in a **report on traffic engineering analysis** to the Client for peer review. This shall be performed in conjunction with (i) the proposed Operation Plan of Yellow BRT Corridor and (ii) the Road Safety Audit report prepared during preliminary designs. Data collection shall be carried out on the basis of a 7-day volume and vehicle classifications surveys. Both data capture shall be done during the morning and evening peak hours at intersecting roads/streets.

This shall be performed in conjunction with (i) the proposed Operation Plan of Yellow BRT Corridor and (ii) the Road Safety Audit report prepared during preliminary design

2. Perform a **Parking Study** to diagnose the existing operating conditions of supply and demand along the Yellow BRT Corridor. The Consultant shall include:
  - a. Inventory and mapping of parking spaces (supply) distinguishing (i) physical location, (ii) vehicle type (motorbike, rickshaw, auto, commercial vehicle, bus, etc.) and (iii) functional classification – on- or off-street determined by location on or off the public roadway, including use of footpaths and open public spaces.<sup>4</sup>

<sup>4</sup> Sub categories include *On-street, free* ( with or without regulation) ; *On-street, paid*: any on-street paid parking space, either by formal regulation or informal means; *Informal on-street*: part of paid on-street parking, refers to any parking that has an informal service and/or fee paid to an entity or person who has "taken" the space and watches the vehicles parked there; *Informal on-street, regulated rate*: the service is informal but has a mechanism to establish a standard on-street parking rate; *Off-street (public)*: parking that is located off the public

- b. Parking activity survey to determine how demand for parking varies throughout the workdays and on weekends, how long the vehicles are parked, and how efficiently existing parking spaces are utilized. This survey will differentiate between residents and commuters (including visitors, workers and students) regarding the utilization of on- and off-street parking infrastructure along the study area.
- c. Parking demand and supply analysis, to determine the level of supply (including, but not limited to, on-street parking bays dimension, rickshaw waiting plazas, etc.) required at the different locations where demand is present (BRT system stations, terminals, depots and other sites where commercial and other community intensive activities are observed) and specific provisions are required as part of the elaboration of physical detailed designs. This analysis should consider traffic growth, impact of new public/mass transit developments and projected land use changes, and sensitivity to pricing and regulatory controls, if any.

Perform **topographic surveys** along the locations where Yellow BRT corridor's road sections, feeder routes roads, bus depots, stations, bridges and underpasses, drainage structures are being proposed as well as all other necessary elements required to be described within the project's urban environment. As part of this analysis, the Consultant shall prepare base maps and terrain models for the entire project indicating details of all existing topographical features including utilities and water courses. Placement of 'permanent', survey control monuments along both of the routes for use by the Contractor during the construction Stage. Monuments shall be placed at not more than 500 m. intervals and are to be inter-visible. Details of the x, y and z coordinates for each monument are to be reported in a Survey Control Report containing sketches of location and other details including local reference markers used and offset dimensions etc. The detailed requirements for the topographic survey are as follows:

- (i) Horizontal and vertical monuments with reference shall be shown in the plans.
- (ii) Vertical control monument shall be set at location where it shall not be disturbed during construction.
- (iii) Level identification shall be tied to the existing benchmarks in the area.
- (iv) After identification of the alignment centerline, centerline staking at the locations including intersections (P.I), beginning and ending of the horizontal curves (P.O and P.T) shall be tied to permanent references points in accordance with Government of Pakistan (GoP) standard practice.
- (v) Cross sections shall be taken at 20 meter intervals, unless local conditions require cross section at closer intervals so as to provide the necessary details for the earthwork, quantity calculation with accuracy of five percent (5%) of final quantities
- (vi) All survey information and data shall be recorded in standard survey notebooks. Upon completion of the works, all survey notes shall become the property of the Client.

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roadway and is available for public use-- may be paid or free and operated by the public or private sector; *Off-street (use-based)*: parking that is primarily linked to specific land-use, such as government, institutional, residential or commercial (e.g. a shopping or office building, park or recreation facility )- may be free or paid.



3. Undertake additional investigation into the form of **residual pavement strength surveys**, notably: 2 (two) test pits per kilometer and 10 (ten) deflection tests per kilometer. Condition of the existing elements and surfaces at off-corridor sections was not surveyed during the Preliminary Design. It is anticipated that local asphalt overlays would be needed.
4. The road section from Jam Sadiq Bridge to Dawood Chowrangi (8000 road) was recently rehabilitated. Based on surveys and tests, the Consultant will prepare a **road structure audit** which will assess and propose whether any part or section can be retained in the design.
5. Undertake **structural condition audit** on several structures present along the BRT corridor to determine their current condition and to propose measures to ensure a service life of forty to fifty years considering the expected loads after the BRT operation starts.
6. Undertake **detailed study of the existing hydrological regime** which will be based on analysis of historic rainfall and flood records, including subsurface water characteristics supplemented by detailed field investigations. The consultant shall propose modifications in structures [embankments, culverts, bridges etc.] to ensure controlled sedimentation and erosion during the construction and BRT operations.
7. Following the review of existing geotechnical survey reports, undertake **detailed geotechnical surveys and investigations** to ascertain additional necessary data required to prepare detail design. The Consultant shall put special emphasis on proposing innovative, time -saving and cost-effective methodologies to address soil and drainage related problems and shall investigate the suitability of locally available materials for their utilization by conducting materials source survey.
8. Undertake **utility surveys** in addition to the review of the surveys carried out during preliminary design to determine the existing location and condition of the utilities. Subsequently the Consultant shall coordinate with the relevant stakeholders and agencies for the timely diversion of these utilities and shall ensure minimum intervention to the existing utilities through design strategies.

The Consultant shall submit a technical report on the methodology, scope and schedule of works for the surveys and investigations at least two weeks before the commencement of surveys.

#### 4.1.3 Detail Design

Detailed Design for the Yellow BRT project will consist of several elements for which requirements are presented in this section. There will be **one comprehensive Technical Report** covering all the listed elements of the Yellow BRT Corridor Detailed Design, as described below. The **overall cost estimate** will be compiled from the separate bills of quantities resulting from the individual estimates for the below listed elements, including the summary sheet.

##### 4.1.3.1 Geometric Design

The Consultant is to prepare comprehensive geometric designs for the overall corridor and proposed/associated structures: including, but not limited to, carriageways, junctions, underpasses, bridges, service and complementary roads, footpaths, flyovers, etc. Non-motorized transport (NMT) elements shall be included and special emphasis to be given to the requirements of persons with disabilities and reduced mobility.



accessibility and safety [during and post construction] considering the local context with specific driver and pedestrian's behaviors and limited enforcement.

The output will comprise separate drawing sets, and associated reports and calculations, for the following items:

- i. Index (project location and drawing key plans; legend and index sheets);
- ii. Horizontal and vertical alignment (survey control monument plan /1:250 (500) scale/; typical cross-sections showing road carriageways, medians, footpaths /1:100 scale/; plan/profile sheets /1:250 horizontal and 1:25 vertical scale/ showing existing and proposed details, alignment geometry and super elevation data, carriageways, medians, footpaths, pedestrian crossings, outlines of structures, demolition needs and Right-of-Way (RoW) boundaries; cross-section plots at about 10 m intervals /1:50 scale/);
- iii. Junctions (plans and related profiles for interchange ramps and major junctions /1:250 horizontal and 1:25 vertical scale/; typical details for minor junctions, including channelization islands; plans to show signs and lines, pedestrian crossings, stop lines /1:100 (50, 25) scale/);
- iv. Ancillary works (traffic signs and road markings; barriers, guardrails, and fences; standard details, including minor intersection layouts, curb types, drainage pipes/channels, and headwall details /1:50 (25, 10) scale/);
- v. Bill of Quantities (BoQ) including the cost of implementing E&S safeguard requirements;
- vi. Technical specifications of all works;
- vii. **Confidential** cost estimate.

#### 4.1.3.2 Stations

The Consultant shall prepare detailed engineering and architectural designs for all stations, based upon the projected passenger demand, operational plan, E&S assessments and with special emphasis on operations, accessibility, inclusivity and pedestrian safety. The Consultant will also define all equipment and components in terms of functional specifications, technical characteristics and technical restrictions as per those provided by the Client. The Consultant must try to harmonize the designs proposed with those developed for other corridors within the KMRT network, namely Green, Orange and Red BRT Corridors. The Consultant will explore revise/update options in coming-up with energy efficient and cost-effective designs. The output will comprise separate drawing sets, and associated reports and calculations, for the following items:

- i. Index (project location and drawing key plans; legend and index sheets);
- ii. General arrangement drawings (plan and elevation views, layout information, overall dimensions, etc. /1:250 (100, 50) scale/);
- iii. Sub-structure details (e.g. foundations, pile caps, pier and abutment details, structural backfill requirements, reinforcement, etc. /1:100 (50, 25, 10) scale/);
- iv. Superstructure details (e.g. deck types and dimensions, wall and roof types and dimensions, waterproofing and utility requirements, etc. /1:100 (50, 25, 10) scale/);
- v. Electrical supply & fittings & various equipment location plans /1:100 (50, 25, 10) scale/;
- vi. Miscellaneous standard details /1:50 (25, 10) scale/;
- vii. Access arrangements /1:100 (50, 25, 10) scale/;
- viii. BoQ including the cost of implementing E&S safeguard requirements;

- ix. Technical specifications of all works;
- x. Functional specifications, technical characteristics and technical restrictions for equipment;
- xi. **Confidential** cost estimate.

#### 4.1.3.3 Station area design

The Consultant shall prepare, following the standards and guidelines established in the KMTS BRT Design Framework and other local or international best practices in station area planning, the designs of the public spaces and associated facilities of sites surrounding the System's stations and terminals, ensuring the provision of modern, user-friendly, universal, clear and efficient access to the system with concise and streamlined linkage with particular contexts of each of the station/terminal sites including, but not limited to, cultural and religious significance, existing and projected pedestrian patterns, supply of last-mile connectivity alternatives, commercial activities, parking needs. The design should also incorporate the recommendation made in E&S assessments. The designs to be developed must prioritize transit customer safety and security while guaranteeing that the efficient and hassle-free user integration and access to the station is optimized for all modes of arrival (i.e. NMT, feeder/complementary route, kiss & ride and park & ride). This analysis shall consider: (i) the findings of the Parking Study to determine level of parking supply, (ii) the findings of the BRT service plan to determine the transport integration facilities dimensions from feeder/complimentary routes, and (iii) other site-context specific characteristics to determine area requirements for temporary/dynamic activities (taxi stand, kiosks, urban furniture, parks & recreation, etc. The output will comprise separate drawing sets, and associated reports and calculations, for the following items:

- i. Index (project location and drawing key plans: legend and index sheets);
- ii. General arrangement drawings (plan and elevation views, layout information, overall dimensions, etc. /1:250 (100, 50) scale/);
- iii. Sub-structure details (e.g. foundations, pile caps, pier and abutment details, structural backfill requirements, reinforcement, etc. /1:100 (50, 25, 10) scale/);
- iv. Superstructure details (e.g. deck types and dimensions, wall and roof types and dimensions, waterproofing and utility requirements, etc. /1:100 (50, 25, 10) scale/);
- v. Electrical supply & fittings & various equipment location plans /1:100 (50, 25, 10) scale/;
- vi. Miscellaneous standard details /1:50 (25, 10) scale/;
- vii. Access arrangements /1:100 (50, 25, 10) scale/;
- viii. Ancillary works (signage; barriers, guardrails, and fences; standard details, curb and footpath types /1:50 (25, 10) scale/);
- ix. BoQ including the cost of implementing E&S safeguard requirements;
- x. Technical specifications of all works;
- xi. Functional specifications, technical characteristics and technical restrictions for equipment;
- xii. **Confidential** cost estimate.

#### 4.1.3.4 Pavement

The Consultant shall prepare detailed engineering design for different pavement structures required for the project based on projected traffic, axle load and ground conditions [based on the geotechnical investigation reports and drainage condition].



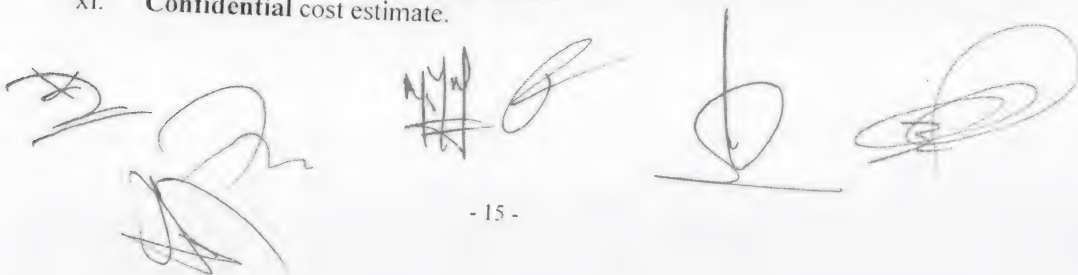
The main work of the Consultant will be to provide calculations of thicknesses [including the analysis of relevant stresses and strains, and fatigue capacity], definition of materials and relevant mixtures, and engineering specifications for construction. The consultant will follow "AASHTO Guide for Design of Pavement Structures 1993". The Consultant will verify the design using AASHTOWare or similar Mechanistic-Empirical Pavement Design software. Apart from the reports and calculations, the output will comprise appropriate drawings presenting typical sections and details /1:25 (10) scale/ and technical specifications of all works. The consultant will explore options for innovative, cost-effective, sustainable and environmentally friendly solutions in coming-up with the material selection and pavement designs. The Consultant will also consider existing road / pavement conditions through surveys and propose the solutions in order to minimize the re-work resulting eventually in time and cost saving.

#### 4.1.3.5 *Pedestrian and Roadside Facilities*

The consultant shall prepare detailed engineering design and technical details [with the help of pedestrian surveys and relevant pedestrian movement simulations] for the pedestrian crossings [at-grade and grade separated], footpaths and urban amenities on or adjacent to the footpaths including but not limited to bus shelters, parking facilities, plazas, etc. The Consultant is expected to propose such designs for pedestrian facilities which are safe, secure and easy to use with sufficient capacity along the corridor facilitating all types of pedestrian movement across and along the BRT corridor. The designs should be finalized with closed consultation of affected communities [for e.g. shop-keepers] and stakeholders [for e.g. Traffic Police department].

The output will comprise separate drawing sets, and associated reports and calculations, for the following items:

- i. Index (project location and drawing key plans; legend and index sheets);
- ii. General arrangement drawings (location and type of pedestrian crossings of the corridor /at grade, overpass or underpass/, pedestrian access routes to these crossings and stations; pedestrian routes along the corridor /1:250 (100) scale/);
- iii. Standard detail drawings for each type of pedestrian crossing /1:100 (50) scale/;
- iv. Detailed drawings specific to each pedestrian crossing location /1:100 (50) scale/;
- v. Plan and profile sheets for pedestrian access routes to stations and along the corridor /1:100 (50) scale/;
- vi. Typical sections /1:50 scale/;
- vii. Urban amenities on/adjacent to pedestrian routes (including waiting areas for buses, NMT, parking (if any), and other parking and relocated vendor markets (if any) /1:100 (50) scale/);
- viii. Street furniture, lighting, and barriers, guardrails, and fences /1:50 (25, 10) scale/;
- ix. BoQ including the cost of implementing E&S safeguard requirements;
- x. Technical specifications of all works;
- xi. **Confidential** cost estimate.



#### 4.1.3.6 Drainage

The Consultant shall prepare detailed engineering designs for the integrated drainage system within the corridor, with the specific attention to regulation of drainage in regular and storm conditions at underpasses and underground stations. The Consultant will also define all equipment and components in terms of functional specifications, technical characteristics and technical restrictions after reviewing the relevant data and historic events of drainage failure in the city or similar projects. The Consultant will explore innovative, cost-effective, sustainable and environmentally friendly solutions to the drainage to ensure zero water ponding and zero water spillage on the carriageway. The Consultant will also keep into consideration drainage and disposal of industrial waste while designing the drainage system.

The output will comprise separate drawing sets, and associated reports and calculations, for the following items:

- i. Index (project location and drawing key plans; legend and index sheets);
- ii. Longitudinal road drainage (table drains; curb and gutter; pipe drains or channels as appropriate to drain the carriageway to prevent ponding on the pavement at sag curves, and to intercept upstream catchment runoff and prevent it from causing a safety or nuisance problem for road users /1:250 (100, 50) scale/);
- iii. Underpass and underground station drainage (details of measures to manage regular and storm events /1:100 (50, 25, 10) scale/);
- iv. Plans for connection of the road drainage with the existing drainage system (plans of existing storm water drainage in the corridor; diversions or upgrades that may be required; temporary works that may be required to maintain existing drainage during construction, /1:250 (100, 50, 25) scale/);
- v. BoQ including the cost of implementing E&S safeguard requirements;
- vi. Technical specifications of all works;
- vii. Functional specifications, technical characteristics and technical restrictions for equipment;
- viii. **Confidential** cost estimate.

#### 4.1.3.7 Electrical Supply, Traffic Signals and Street Lighting

The Consultant shall prepare detailed engineering designs for the electrical supply system and street lighting within the corridor, including lighting system for stations and underpasses, by exploring innovative, cost-effective, easy-to-maintain and environmentally friendly approaches, including solar. The system will cover backup source of power in case of failure of primary source. All equipment and components will be defined in terms of functional specifications, technical characteristics and technical restrictions. The output will comprise separate drawing sets, and associated reports and calculations, for the following items:

- i. Index (project location and drawing key plans; legend and index sheets);
- ii. Designs for all required electrical works (electrical works for traffic signals, overhead signage, stations and terminals and street amenities requiring electric power /1:250 (100, 50, 25) scale/);
- iii. Designs for energy efficient street lights along the corridor /1:100 (50, 25, 10) scale/;
- iv. Plans for connection of the electrical works with the existing high and low voltage electrical supply system in the corridor (plans of existing electricity



supply network in the corridor, including power lines, transformers and other equipment; photometric studies; any upgrades of lines or equipment that may be required to meet the electrical requirements of the corridor; diversion of existing lines or relocation of equipment; temporary works that may be required to maintain existing supplies during construction /1:250 (100, 50, 25, 10) scale/;

- v. BoQ including the cost of implementing E&S safeguard requirements;
- vi. Technical specifications of all works;
- vii. Functional specifications, technical characteristics and technical restrictions for equipment;
- viii. **Confidential** cost estimate.

#### 4.1.3.8 Landscaping, Urban Design and Environmental Mitigation

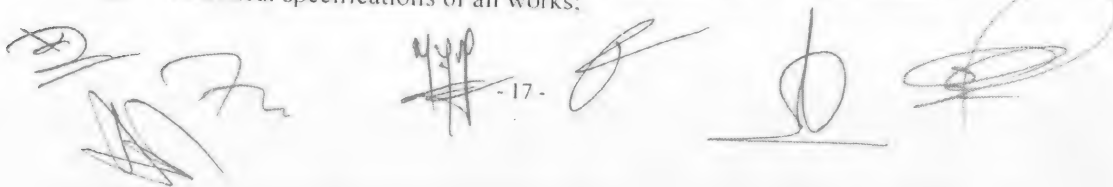
The Consultant shall prepare detailed engineering designs for the landscaping and urban arrangements within the corridor. The output will comprise separate drawing sets, and associated reports and calculations, for the following items:

- i. Index (project location and drawing key plans; legend and index sheets);
- ii. General arrangement drawings (overall corridor landscaping/urban design concept; measures for environmental mitigation /1:250 (100, 50) scale/);
- iii. Planting plan /1:250 (100, 50) scale/;
- iv. Details of typical design features /1:50 (25, 10) scale/;
- v. Plans and elevations at specific locations, including stations /1:250 (100, 50, 25) scale/;
- vi. BoQ including the cost of implementing E&S safeguard requirements;
- vii. Technical specifications of all works;
- viii. **Confidential** cost estimate.

#### 4.1.3.9 Depots

The Consultant shall prepare detailed engineering and architectural designs for proposed depots based on the bus traffic, the operational plan, and E&S assessments. The Consultant will also define the equipment and components in terms of functional specifications, technical characteristics and technical restrictions as per those provided by the Client. These will cover equipment and components for depot, maintenance and administrative purpose. The output will comprise separate drawing sets, and associated reports and calculations, for the following items:

- i. Index (project location and drawing key plans; legend and index sheets);
- ii. General arrangement drawings (plan and elevation views; layout information; overall dimensions, etc. /1:250 (100, 50) scale/);
- iii. Sub-structure details (e.g. foundations, pile caps, pier and abutment details, structural backfill requirements, reinforcement, etc. /1:100 (50, 25, 10) scale/);
- iv. Superstructure details (e.g. deck types and dimensions, wall and roof types and dimensions, waterproofing and utility requirements, etc. /1:100 (50, 25, 10) scale/);
- v. Electrical supply and fittings and equipment location plans /1:100 (50, 25, 10) scale/;
- vi. Miscellaneous standard details /1:50 (25, 10) scale/;
- vii. Access arrangements /1:100 (50, 25, 10) scale/;
- viii. BoQ including the cost of implementing E&S safeguard requirements;
- ix. Technical specifications of all works;

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- x. Functional specifications, technical characteristics and technical restrictions for equipment;
- xi. **Confidential** cost estimate.

#### 4.1.3.10 Structures

The Consultant shall prepare detailed engineering designs for proposed structures [bridges, over- and under-passes, foot bridges, culverts, retaining walls, etc.] considering cost and effective construction methodologies, design life, logistics, availability of construction materials, the capacity of Pakistani construction industry and traffic management requirements during the construction process, E&S assessments, etc. The Consultant will explore innovative, cost-effective, sustainable and environmentally friendly solutions and will make best use of Design for Safety and Design for Maintenance philosophies in the detail design. The output will comprise separate drawing sets, and associated reports and calculations, for the following items:

- i. Index (project location and drawing key plans; legend and index sheets);
- ii. General arrangement drawings (plan views; layout information; overall dimensions, etc. /1:250 (100, 50) scale/);
- iii. Sub-structure details (e.g. foundations, pile caps, pier and abutment details, structural backfill requirements, reinforcement, etc. /1:100 (50, 25, 10) scale/);
- iv. Superstructure details (e.g. deck types and dimensions, waterproofing and utility requirements, etc. /1:100 (50, 25, 10) scale/);
- v. Electrical supply and fittings and equipment location plans /1:100 (50, 25, 10) scale/;
- vi. Miscellaneous standard details /1:50 (25, 10) scale/;
- vii. Access arrangements /1:100 (50, 25, 10) scale/;
- viii. BoQ including the cost of implementing E&S safeguard requirements;
- ix. Technical specifications of all works;
- x. **Confidential** cost estimate.

#### 4.1.3.11 Utilities Relocation

The Consultant shall prepare detailed engineering designs for proposed relocations of utilities through proper coordination with relevant utility agencies ensuring that the technical requirements of the utility agencies are addressed. The exercise should be carried out such that minimum disturbance to the existing utility network happens and the logistics, risks, safeguards and time requirements are catered for appropriately during the process. The proposed relocation designs shall uplift the life span and quality of new utilities and will also be considering future needs of utilities so that minimum disruption may happen during the operations of the project. The output will comprise separate drawing sets, and associated reports and calculations, for the following items:

- i. Index (project location and drawing key plans; legend and index sheets);
- ii. Designs for all required relocations (power lines, water supply lines, gas lines, sewerage, etc. /1:250 (100, 50) scale/);
- iii. Details of typical design features /1:50 (25, 10) scale/;
- iv. BoQ including the cost of implementing E&S safeguard requirements;
- v. Technical specifications of all works;
- vi. **Confidential** cost estimate.

#### 4.1.3.12 Traffic Management

The Consultant shall develop Traffic Management Plans (TMP) to implement during construction recommending measures that would minimize the impact of construction activities on the operation and usage of the road network in the area. E&S assessments should be referenced for the preparation of TMP. The output will comprise separate drawing sets, and associated plan, for the following items:

- i. Index (project location and drawing key plans; legend and index sheets);
- ii. Recommended detours and arrangements /1:500 scale/;
- iii. Details of recommended measures (signs, devices, etc. /1:100 scale/)
- iv. BoQ including the cost of implementing E&S safeguard requirements;
- v. Technical specifications of all elements;
- vi. Functional specifications for traffic management equipment;
- vii. **Confidential** cost estimate.

#### 4.1.4 Off-Corridor Interventions

The Consultant is to prepare designs for the overall cross section of all off-corridors segments confirmed for the opening year, including, but not limited to, bus shelters, passenger waiting platforms, carriageways, intersections, NMT, and roadside facilities, as deemed necessary and following the proposed and approved design framework developed during preliminary design stages. The final definition of the off-corridor segments subject to detailed design will be confirmed and communicated by the Client upon confirmation of the feeder/complementary route network to operate on opening year. The Client will provide said confirmation at inception stage. The output will comprise separate drawing sets, and associated reports and calculations, for the following items:

- i. Index (project location and drawing key plans; legend and index sheets);
- ii. Horizontal and vertical alignment (survey control monument plan /1:250 (500) scale/; typical cross-sections showing road carriageways, bus shelters, waiting platforms, medians, footpaths /1:100/; plan/profile sheets /1:250 horizontal and 1:100 vertical scale/ showing existing and proposed details, alignment geometry and super elevation data, carriageways, medians, footpaths, pedestrian crossings, bus stops, outlines of structures, demolition needs and RoW boundaries; cross-section plots at about 10 m intervals /1:50 scale/;
- iii. Intersections (plans and related profiles /1:250 horizontal and 1:25 vertical scale/; typical details, including channelization islands; plans to show signs and lines, pedestrian crossings, stop lines /1:100 (50, 25) scale/);
- iv. Pavement design (typical section and details /1:25 (10) scale/);
- v. Ancillary works (traffic signs and road markings; barriers, guardrails, and fences; standard details, including minor intersection layouts, curb types, drainage pipes/channels, and headwall details /1:50 (25, 10) scale/);
- vi. BoQ including the cost of implementing E&S safeguard requirements;
- vii. Technical specifications of all works;
- viii. **Confidential** cost estimate.

#### 4.1.5 Environmental and Social Safeguards

During Design phase, the Consultant shall monitor, ensure and confirm that environmental and social safeguards compliance is being made. Main tasks are:

1. Review the environmental and social assessments (EIA, SIA and CLRP) previously conducted and completed.



2. Support the Client to make necessary amendments based on the detailed design, perform additional site and data analysis as necessary, carry out consultations with key stakeholders and prepare the revised version of environmental and social assessments.

Specific tasks are:

- i. Get in touch, as early as possible, and be acquainted with the Project/Consultant's team(s) retained for this Consultancy with the objective of providing technical input persistently on E&S aspects throughout and during the entire course of the project. The level of efforts should be aimed to fully synergies and timely integrate E&S safeguard requirements in final project design/documents.
- ii. Review, revisit and reassess the CLRP, EIA and SIA already conducted in the context of: (a) changed scenario (socio-environmental conditions, health and safety requirements, security issues, key stakeholders, institutional arrangements, ESMP monitoring and reporting mechanisms etc.), (b) previous limitations such as budget, time and lack and/or timely unavailability of required information/data<sup>5</sup>, (c) likely changes as a result of detailed engineering designs; and above all (d) its adequacy, technical soundness, and appropriate completeness.
- iii. Based on the above review, identify gaps and areas of improvements in all key aspects of EIA and SIA. These include, but not limited to, project environmental and socio-economic baseline conditions, regulatory and Bank's policy requirements, project alternatives considered and proposed, potential impacts –both positive and adverse – and assessed significance, proposed mitigation measures and management plan(s), institutional, capacity building, monitoring and reporting mechanism; and sufficiency of budget allocations for implementing SG documents.
- iv. Should the footprint or alignment of the project be modified causing additional potential adverse livelihood impacts not covered in the existing CLRP or were not within the scope of the CLRP prepared during the preliminary design stage, conduct additional assessment of livelihood impacts as required.
- v. Ascertain and discuss with the PMT/WB team(s) the gaps and areas of improvement identified as assessed above, recommend appropriate measures and revisions required to safeguards documents for addressing such gaps.
- vi. Support the client in conducting stakeholders' consultation/workshop, if required, document the concerns, suggestions and improvements proposed and incorporate the outcomes in revised EIA, SIA, and CLRP.
- vii. Review the "Road Safety Audit (RSA)"<sup>6</sup> – *completed as part of the preliminary design* – with a view to benefit of its findings/ recommendations pertinent to occupational health and safety; and to possibly feed into the revised EIA.

<sup>5</sup> Given the time and budget constraints, some sites such as "Tariq Road and KPT interchange", that required complex solutions, were not studied in detail/technical depth required, and is pending to be carried out during detailed design.

<sup>6</sup> Or its updated version.

- viii. Assist the Client to prepare the revised draft EIA, SIA, and CLRP based on the review findings and consultation process.
- ix. Coordinate with the Client and Bank for the review, comments and feedback on the revised EIA, SIA and CLRP.
- x. Assist the Client to prepare the Final safeguards documents, EIA, SIA and CLRP.
- xi. Guide and support the Client in arranging the re-disclosure of SG documents, at/on all appropriate forums including official websites of GoS, SMTA and PMT.
- xii. Review and provide technical input on all Request for Proposals (RFP) and Bidding documents. Confirm the safeguard requirements become integral part of each bidding/tender document ensuring the respective contractor is fully responsible for managing and complying SG documents during project execution. The Consultants will further ensure that contractor(s) should not absolve of their given responsibilities in: (a) preparing different site specific and safeguard related management plans (as guided by EIA, SIA and CLRP); (b) timely employing and mobilizing needed/required resources including: staff, tools and equipment, well in advance.
- xiii. In addition, support the client in supervising the Contractor in all matters concerning the implementation of the Gender-Based Violence (GBV) Action Plan. For example, the GBV Action Plan prepared by the Client would need to be finalized with input from the contractor, in terms of providing an approach on how to implement and monitor the plan, including sanctions, which details how allegations of Sexual Exploitation and Abuse (SEA) and Sexual Harassment (SH) will be handled (investigation procedures) and what disciplinary action would be triggered for violation of the Code of Conduct (CoC) that the contractor workers would need to sign<sup>7</sup>. If required, instruct the Contractor to take actions in accordance with the requirements of the GBV Action Plan. Work with PMT's Gender Specialist who will be leading the implementation of the project's overall Gender Component including (but not limited to) GBV Action Plan.
- xiv. Land acquisition and Resettlement Plans, if needed, shall include preparation of plans showing land areas to be acquired for construction of the BRT and bus depots and for which occupation is required during all or part of the construction period. Also preparation of the detailed plans showing lot boundaries for land areas including plans showing location of resettlement sites. General arrangement drawings for resettlement sites, including access and utilities, and layout of buildings, roads and footpaths internal to the resettlement sites; shall also be prepared.

<sup>7</sup> See the World Bank's Good Practice Note on Addressing Sexual Exploitation and Abuse (SEA) and Sexual Harassment (SH) in Investment Project Financing involving Major Civil Works  
<http://pubdocs.worldbank.org/en/741681582580194727/ESF-Good-Practice-Note-on-GBV-in-Major-Civil-Works-v2.pdf>



#### 4.2 TASK 2 – PREPARATION OF BIDDING DOCUMENTS FOR CONTRACTOR SELECTION

All procurement activities under the KMP will be made using the **WB Procurement Regulations for IPF Borrowers for Goods, Works, Non-Consulting and Consulting Services (July 2016; revised November 2017 and August 2018)**. The bidding documents will include specific requirements that minimize the use of expatriate workers and encourage hiring of local workers.

The procurement approach to construction works contracts for the BRT infrastructure will be open International Competitive Bidding (ICB) using request for bids based on single stage two envelope with post qualification. The procurements for off-corridor improvement works shall be targeting the national market and thus National Competitive Bidding (NCB) approach shall be used.

The WB's standard bidding documents shall be used for ICB procurements whereas the procurements targeting the national market would be carried out using the NCB bidding documents. The NCB documents will be agreed with the WB and will include provisions meeting the aspects given in section 5.4 of the WB Procurement Regulations.

Evaluation and award of contract will be based on the lowest evaluated responsive bid received from a qualified bidder. Contracts are envisaged to be **admeasurement with price adjustment**. No specific contract conditions are identified at the moment; however, this does not restrict the Consultant to propose those.

Based on the Yellow BRT Corridor segments and the complexity of the operations during the construction phase, the summary of *anticipated* procurement packages is provided in the Table 3 below.

Table 3 Yellow BRT Corridor infrastructure procurement packages

Procurement package	Approach	Priority
Package 1: Depot No. 1	NCB	II
Package 2: Depot No. 2	NCB	II
Package 3: Road corridor & BRT infrastructure (segments 0, 1 and 2)	ICB	III
Package 4: 1 km long bridge (segment 3)	ICB	I
Package 5: Road corridor & BRT infrastructure (segments 4, 5, 6 and 7)	ICB	III
Off-corridor improvements - 1 Package	NCB	II

Prior to launching the procurement activities, the Consultant shall prepare bidding documents for civil works packages *according to priority schedule* presented in Table 3, and finalize those upon receiving comments from the Client. Specific attention shall be given to preparation of contractor's selection criteria. There is also a need to provide sample environmental and social safeguards non-conformance documentation with sufficient details to inform the contractors at the bidding stage that they will be, among all, assessed on environmental and social capability and that they must deploy staff to carry out and supervise the physical environmental and social mitigation measures and checking as they would for any other construction activity in line with other standards of quality and control.

The bidding documents are to be based on Detailed Design, and include:

- Request for bid, instructions to bidders, and bid forms;
- BoQ including the cost of implementing E&S safeguards;
- Technical specifications;



- Relevant set of drawings;
- Conditions of contract;
- Form of contract; and
- SG requirements.

During the bid preparation period, the Consultant shall fully assist in conducting pre-bid conference and site visits, preparing minutes on pre-bid conference and site visits, responding to questions by bidders, preparing addendums to bidding documents [if any], and opening of bids. To the extent necessary and practical, the Consultant shall assist in: evaluation of bids, preparation of evaluation reports, contract award, any negotiations/clarification with the successful bidder to expedite preparation activities, civil works and supervision assignment.

#### 4.2.1 Procurement of Works under Design-Build Mode

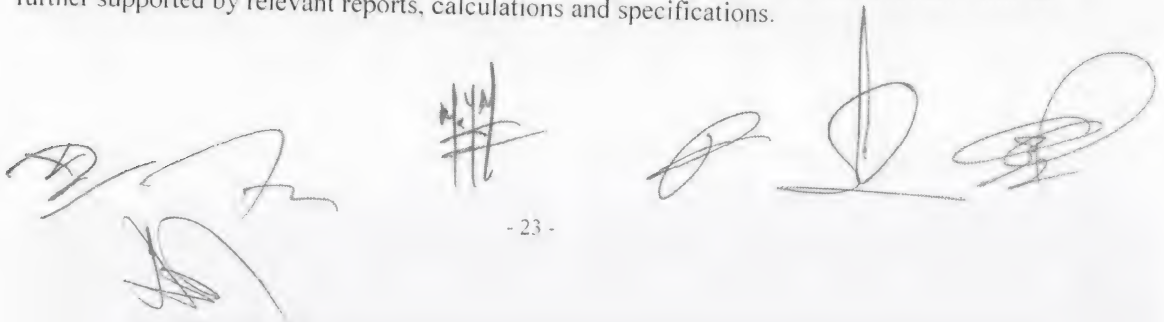
The construction works contract for the Package 4, i.e. 1 km long bridge, will be awarded on design and build (D&B) basis.

The Consultant shall:

1. Review available Preliminary Design and suggest improvements [if any] before using that Preliminary Design to describe the Employer's requirements in the bidding documents.
2. Assist the Client in preparation of Employer's requirements on the basis of the Preliminary Design and above recommendations, as well as in preparation of bidding documents (initial selection document and request for proposals).
3. Provide necessary support to the Client in initial selection of contractors by assisting in: preparation of initial selection document, advertising calls for initial selection, responding to questions by potential applicants and opening of applications, evaluation of submissions by applicants, preparation of evaluation reports, preparation and distribution of notices on initial selection, and responding to applicants' appeals, if any.
4. During the proposal preparation period, assist in conducting pre-proposal conference and site visit, preparing minutes on pre-proposal conference and site visit, responding to questions by proposers, preparing addendums to initial selection documents (if any), and opening of proposals.
5. Assist in: evaluation of proposals, preparation of evaluation reports, contract award, any negotiations/clarification with the successful proposer to expedite Detailed Design preparation and execution of civil works.

Draft Detailed Design for Package 4 shall be submitted for review within maximum of 2 (two) months from the commencement of the construction contract following the priorities detailed in Table 3.

The main purpose of the Detailed Design is to provide sufficient detail for execution of works. The Detailed Design drawings are to contain sufficient details to permit contractor to carry out construction work effectively and unambiguously and with highest standards of quality and consistent with environmental and social safeguards documentation, and will be further supported by relevant reports, calculations and specifications.



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#### 4.2.2 Environmental and Social Safeguards

The Consultant will proactively integrate E&S safeguard aspects in key project processes/procedures covering, among others, procurement process, preparation and evaluation of bidding documents.

#### 4.3 TASK 3 – CONSTRUCTION SUPERVISION AND CONTRACTS ADMINISTRATION

The Consultant shall perform the duties and authority of "the Engineer" as specified in or as necessarily implied by the contract, as well as administer the construction contract. Taking due regard of all relevant circumstances, the Consultant shall perform his duties or act:

- Where the initiative lies with the Employer/Consultant in administering the construction contract;
- In response to the contractor's or the Employer's requests; and
- In observing the requirements of the construction contract;

Wherever appropriate and not in conflict with the construction contract, the Consultant shall exercise every reasonable care to protect the interests of the Employer.

The Consultant will largely support in ensuring and confirming the compliance of EIA, SIA and CLRP through supervision, monitoring, and implementing contractors' management plan(s) related to environmental performance, reporting non-compliances and ensuring remedies.

In order to fulfill the above, the Consultant shall always take necessary measures and provide appropriate advice to the Client to enable the contract to be completed in timely and cost-effective manner, in conformity with the contract conditions and specifications. The Consultant and the Contractor shall arrange for the Client and the WB the opportunity to inspect the works and related documentation.

##### 4.3.1 Construction Activities

During the construction period the Consultant shall:

1. Satisfy himself as thoroughly as possible to the nature and scope of the works, of all information available and of documents and materials to be used by the contractor in executing the works, so as to enable him to perform his duties satisfactorily, study and check all documents associated with the project, foresee possible problems and advise the Employer appropriately during the construction;
2. Set up project control parameters based on the requirements of the project and in conjunction with the contractors to report project plans, cost/schedule status and forecasts, and identify issues with project control parameters. The Consultant should be able to model various recovery scenarios to facilitate decision making of the Client and Contractors;
3. Set up document control as per the requirement of the project to track, manage and store information electronically, reducing paper copies;
4. The Consultant shall monitor the implementation of contractual conditions/clauses in letter and spirit, and timely advice the Client of any lapses. All submissions made by the contractor, with respect to the contract shall be scrutinized, get corrected from the contractor and submitted to the Client with appropriate recommendations under the provisions of the construction contract. Such recommendations must carry contractual



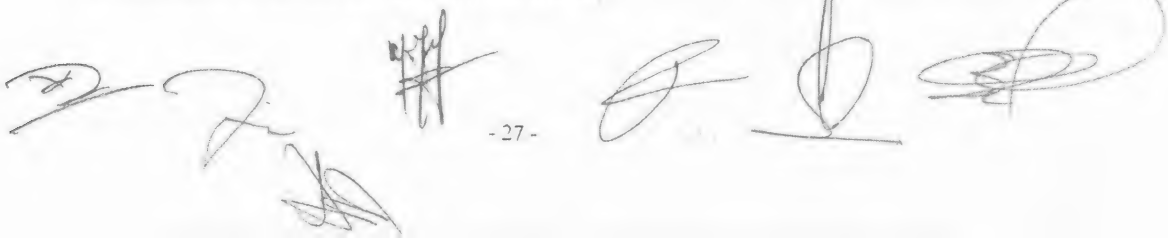
and legal qualifications. Set up and establish the system of managerial control for the works contract with provision of assistance to the Client maintaining control over activities' prices and contract outcome costs, in monitoring the progress of the works, the disbursements and technical records:

5. Review of the construction drawings and supporting documents to ensure that all technical requisites are met to produce a safe and technically correct design. Obtain a copy and keep a file of any applicable standards, rules or regulations of all the relevant authorities and public bodies and companies, whose property or rights are affected or may be affected in any way by the project. Monitor and report to the Client on obtaining compliance with the specified consents by the contractor:
6. Supervise the construction of the works with due diligence and efficiency and in accordance with sound technical, administrative, financial and economic practice. The Consultant shall perform all duties associated with such tasks to ensure that only the best construction practices are followed, and that the final product is in all respects equal to, or better than that specified, and is carried out in full compliance with the governing specifications;
7. Verify that the progress of the works is in compliance with the time programme pursuant to Conditions of Contract and milestone schedule approved under the construction contract. Notify the Client as early as possible in advance of any possible failure to attain a milestone by the applicable date or non-compliance with the programme. If for any cause other than those listed in the construction contract, the rate of progress of the works is at any time, in the Consultant's opinion, too slow to ensure the completion of the works within time for completion, instruct the Contractor in accordance with the construction contract in writing with a copy to the Employer:
8. Prepare a comprehensive SG compliance monitoring framework in consultation with the PMT. The framework should cover, but not limited to, the parameters to be monitored (as identified by SG documents), monitoring tools (templates/checklists/ field visits / meetings and consultations etc.), monitoring frequency, resource allocation including assigned staff with clear roles and responsibilities, the ways to identify non-compliances and remedies, reporting and due diligence mechanism within/along the reporting line. *Such monitoring framework will be a living document and may be customized/adjusted, subject to client's approval, to the needs periodically.*
9. Confirm and ensure that Contractor(s) has prepared the site specific ESMP and relevant mitigation plans to offset or reduce E&S, health and safety impacts during construction/ implementation phase (as guided by EIA, SIA). Some of these mitigation plans and measures may include:
  - a. Sanitation plan,
  - b. Soil pollution control plan
  - c. Dust/Air pollution control plan
  - d. Waste management plan
  - e. Health and safety plan
  - f. Noise abatement plan
  - g. Traffic management plan
  - h. Campsite restoration plan
  - i. Compensatory tree plantation and planted tree survival plan.
  - j. Community Health and Safety Plan

10. Measures to address impacts on public utilities, parking in narrower sections and restriction to access and mobility during construction.
11. Provide effective support in CLRP implementation.
12. Play an effective role in implementing the grievance redress mechanism (GRM), as described in the social safeguard documents, to receive and facilitate resolution of displaced persons' concerns, complaints and grievances about the CLRP implementation and the projects overall environmental and social performance.
13. Monitor and confirm that the contractor(s) has put in place the required organizational set-up and is applying relevant safeguard management tools and applying non-compliance remedies effectively.
14. Monitor and ensure that in case of sub-contracting, the relevant contractor is adhering to and complying with all its contractual commitments with regards to safeguard compliance.
15. Support and confirm in conducting capacity building activities (trainings, awareness sessions, exposure visits etc.) as identified and outlined in the safeguard documents for key project staff and implementing partners/stakeholders. It is further expected that consultants will design and impart tailor made/customized training curricula as per need and requirement. The participants<sup>8</sup> may include the staff/workers of: (a) PMT-SMTA, (b) Infrastructure Development Company, (c) Operator Company, (c) Environmental Consultancy Firm, (d) Contractors.
16. Monitor, ensure and confirm that respective contractor(s) is taking appropriate mitigation measures against the potential adverse impacts. Some of the potential hazards/adverse impacts against which mitigation measures need to be monitored on priority include:
  - a. Existence of electric pylons: leading to safety hazards due to existence of electric pylons at corridor
  - b. Air Quality: air pollution resulting in poor visibility, loss of vegetation, property damages, and health implications on workers and nearby community due to fugitive emissions of dust (SPM, PM10, PM2.5), stack and vehicular emissions during construction activities;
  - c. Soil: Soil contamination due to storage of oily parts and oily rags on unpaved floors, spillage and leakage of chemicals, fuel, and lubricants on soil (construction camps/sites);
  - d. Noise: may cause nuisance and health impacts on workers and nearby community due to noise from construction machineries, generators, construction activities and vehicular movement;
  - e. Clogging of wastewater drains: potentially causing nuisance, odor, soil pollution, outbreak of diseases due to ponding and breeding of mosquitos and flies;
  - f. Protection of wastewater drains during construction activities to protect clogging of drains.
  - g. Flooding at Corridor: potentially causing nuisance, odor, soil pollution, outbreak of diseases due to ponding and breeding of mosquitos and flies;

<sup>8</sup> BRT ESIA Section 7.5.

- h. Proper Storm Water Drainage at Corridor: Proper storm water drainage system is required at corridor to avoid flooding issue Designer Design stage
  - i. Wastewater: soil and water contamination, odor, health implications on workers and community (due to breeding of mosquitos and flies), and nuisance due to improper wastewater Treatment;
  - j. Vegetation loss / Tree Cutting
  - k. Physical Cultural Resources (PCRs): Chances of the loss of PCRs at the project sites during excavation
  - l. Control of Stack and Vehicular Emissions: the stack emissions from generators, if used as standby source of power supply and vehicular/machinery movement at the site can affect the ambient air quality.
  - m. Solid Waste and Surplus Construction Material: may cause nuisance, health implications on workers and community
  - n. Chemicals and Hazardous Waste: potentially causing nuisance, odor, soil pollution, outbreak of diseases due to ponding and breeding of mosquitos and flies;
  - o. Health and Safety: health and safety hazards for workers and community due to construction activities/sites; thus, requiring Occupational Health and Safety Management.
  - p. Fire: leading to serious health, safety issues and loss of property assets.
  - q. Traffic: traffic congestion at or around construction sites due to construction activities may cause disruption of normal social activities, loss of time and resources etc.
17. Issue acceptance and/or approval, as appropriate, of submissions required from the Contractor, including, but not limited to: staff appointments, insurances, guarantees, licenses, programs, method statements, Traffic Management Plan (TMP), safety measures, suppliers and materials for incorporation in the works, quality assurance and control plans, laboratory provisions and execution of the testing program, subcontractors, plant, equipment and Environmental and Social Management Plan (ESMP), including the plan on Gender-Based Violence (GBV), and other E&S mitigation plans required in the EIA;
18. Coordinate actions and activities of all the stakeholders concerned with the Project through appropriate meetings, which are to be recorded. The minutes shall report on the actions to be taken by all parties. Thereafter, the Consultant will check that the actions to be taken by the parties are implemented. The Consultant will act on behalf of the PMT in this matter and will be responsible for enforcing quality criteria, including safety measures, actions identified in the ESMP and TMP, time schedule, and all other conditions included in the contract;
19. Ensure that the day-to-day construction activities are carried out in an environmentally and socially sound and sustainable manner, and monitor compliance with environmental and social impact mitigation measures during the works implementation in consultation with the environmental and social staff in the PMT;
20. Jointly with the contractor, identify and mark all utilities with the help of competent authorities and assist the Client in effecting removal/relocation (where necessary) of utilities within the RoW;
21. Jointly with the contractor, identify and locate all beacons and benchmarks to enable the contractor to set out and perform the works;



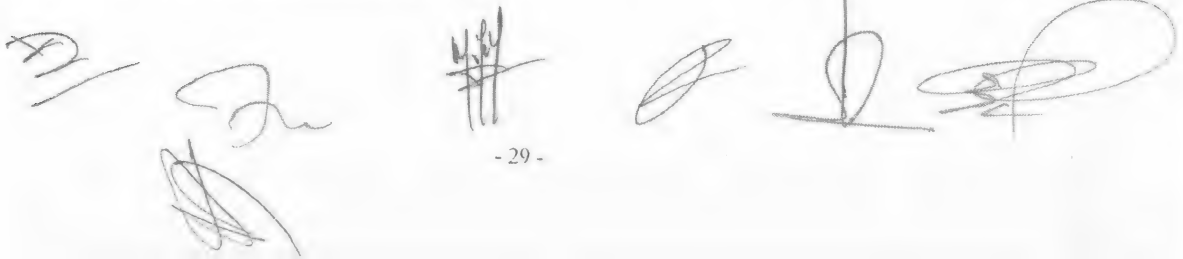
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22. Liaise with the respective authorities to ensure that the assessment and compensation for properties if any, within the RoW is done before the contractor is given possession of site. The Client is responsible for handing over the RoW to the Engineer and contractor for the road construction works;
23. Inspect, test or have tested by competent entities, and approve all materials to be incorporated into the works to ensure compliance with technical specifications requirements. A system of formal testing procedures must be set up covering the frequency of testing, type of tests to be carried out and methods and formats of reporting the result. According to the provisions of the laws and regulations regarding control of the quality of the works, the Consultant shall: (i) prepare the program of testing the quality of the executed works, (ii) order any investigations and testing to determine the cause of defects and instructing the removal of improper work, (iii) take samples from the site, (iv) supervise performance of the test work, (v) issue reports regarding the observed quality of the executed works, and (vi) recommend actions to be taken in the case of unsatisfactory result;
24. Keep updated all records including reports, works diaries, correspondence, instructions given to the contractor, test records, payment records and all other relevant documents pertaining to the works operations and supervision contract;
25. Maintain a site diary on a daily basis with the contents and format to be agreed with the Client. Site diary will record all events pertaining to administration of contract, instructions issued to the contractor, pertinent requests from the contractor and any other information which will be of assistance in resolving any dispute or claims. The site diary will include the daily diary sheets from members of the supervision staff, and instructions and observations made by the representative of the Client during any of the site visits;
26. Prepare consolidated monthly reports on physical and financial status, site meetings and contractual matters with particular reference to variation orders and contractor's claims. Monthly reports shall deal specifically with monitoring and follow-up of agreed environmental and social mitigation measures and with the contractor's adherence to health and safety standards and anti-corruption measures as applicable under the contract. Specifically, report will include a breakdown of non-compliances and rectification by the contractor, and the summary of testing and monitoring results. Each monthly report should include recommendations if any, for action by the Employer;
27. In collaboration with the contractor, monitor the creation of employment opportunities as a result of the works, by recording month by month the number of people employed by the contractor and sub-contractors, and calculate the number of person-days of work created by the works contract (separately for men and women). As much as possible and reasonable, estimate the creation of employment opportunities also through businesses indirectly related to the works;
28. Prepare control charts of main activities and a project master schedule, indicating both past performance and forecasts for completion including time involved in each case. The methodology will involve development of a hierarchy of programs, including a summary program for overall control, contractor's mobilization, construction activities including key dates, completion and commissioning, and defects liability requirements. It will also cover document review and formal contract documentation. Representation of progress on individual elements will depend on the nature of the works. The progress of each major operation will be reported individually and

marked-up diagrams used to show the comparison of work actually completed with programmed completion. This clear diagram presentation supplements the activity progress information given in the tabular schedule reports and bar charts. The Consultant shall, to the extent possible, link and generate the progress and all status reports and monitoring of the work program using the appropriate computer software agreed with the Client;

29. Check and ascertain the contractor's interim and final payment certificates for consideration by the Client. Interim Payment Certificates (IPC) for the works executed should clearly indicate the foreign exchange costs, the local costs and taxes and duties. IPCs to be submitted to the Client for payment purposes shall include the total cost of the works executed in foreign exchange and local costs (net of taxes and duties). Resolve with the contractor, where possible, any mistakes and queries which may arise in conjunction therewith, and advise the Client of any adjustments considered necessary;
30. Record, examine and evaluate all claims submitted by the contractor and submit timely recommendations thereof for consideration by the Employer;
31. Negotiate with the contractor the price of additional works in the contract, if any, subject to the approval of the Client;
32. The Consultant may, with prior consultation with the Client, effect changes in design or specifications where required, which will improve the quality of the works. Such changes shall not increase the contract time, nor shall increase in contract price resulting from such changes exceed a percentage to be agreed with the Client. In addition, such changes shall also be subject to reassessment of E&S implications and required measures;
33. The Consultant shall monitor and keep an inventory of all shop drawings for each works component; a digital archiving database on computer in this regard shall be developed. The Consultant shall advise the Client that the material and specifications used conforms to the agreed conditions of contract as depicted from the shop drawings. 10% sampling of fixtures shall be tested for compliance;
34. Prepare and submit to the Client the final account for the executed works;
35. Foresee potential problems, specially based on the lessons learned from the projects of similar nature, and advise the Client appropriately during the construction period;
36. The Consultant shall assist the Employer in settling of the audit observations and objections raised [if any] by any department/authority/agency and prepare replies in this regard, related to the project and provide available relevant documents/papers/letters etc. to support the replies;
37. Where applicable, the Consultant shall continuously review condition of the existing roads/streets in the area used as construction transport routes, and suggest necessary repairs of damage due to such traffic to the appropriate quality standards;
38. Supervise contractor's work on preparation of as-built drawings and maintenance manuals. The consultant shall validate the drawings as per construction done. The Consultant shall develop the firmed-up estimate as per final completion of the Project;
39. Prepare a final construction report;



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40. Prepare complete set of documents for technical acceptance procedure with the relevant authorities, as well as complete set of documents to enable entry into cadaster books/records;
41. Participate in the semi-annual project supervision missions, which may take place in Pakistan or in neighboring countries, upon the request of the Employer or WB.
42. The Consultant shall assist the Client during the Dispute Adjudication Board (DAB) proceedings, if any, and assist the Client in submission of response to DAB queries and attend meetings alongside the Client whenever required during the DAB proceedings.

The Consultant shall seek prior written approval of the Client to:

- a. Issue the order to commence the works;
- b. Issue any variation of scope of work with or without financial implications for the contract price, except in an emergency situation, as reasonably determined by the Consultant;
- c. Sanction additional items, sums or costs;
- d. Approve subletting of any part of the works;
- e. Approve any extension of the time for completion;
- f. Issue instruction for suspension of all the works;
- g. Approve any other type of variation;
- h. Perform additional control testing in excess of the quantities defined by the relevant regulations.

If the Consultant does not fulfill its obligations under subparagraphs (a) to (h) above, it will assume full financial and legal responsibility of such fault.

#### 4.3.2 Post-Construction Activities

The Consultant shall supervise any corrective repairs and other works (including the administrative aspects of the works) during the Defect Notification Period (DNP) which is set to 12 (twelve) months. For purposes of carrying out these services the Consultant shall assign necessary personnel to carry out inspection of the works and for the final inspection, preparation and issuing of final certificate. During this period, the Consultant shall be expected to draw the attention of the contractor to any defects as soon as such defects are noticed and shall supervise the subsequent remedial works by the contractor, as well as report to the PMT on defects and remedial works.

#### 4.3.3 Capacity Building and Innovative Approach

The Consultant would be required to plan and deliver capacity building trainings, through internationally accredited institutions / trainers, for the Client's staff. These trainings would be in the areas of BRT design & planning concepts (two complete trainings/certifications), procurement (design build contract) & contract management (two complete trainings/certifications), project management (two complete trainings/certifications), BIM (two complete trainings/certifications), QHSE (two complete trainings/certifications) and relevant engineering software, financial and risk management (two complete trainings/certifications), advanced economic and financial evaluation of capital projects (two complete trainings/certifications), etc.

The Client desires to implement the Project adopting new and modern techniques for project planning, design and implementation i.e. BIM. The Consultant will undertake the design stage using processes compliant with BIM 2.0 (or later), as defined in BS 1192 or equivalent. During the construction stage of the project, the consultant shall use BIM 2.0 (or later) processes to fulfill its contractual obligations to the Client. The following BIM deliverables and other outputs will be required:

- Site model
- Massing model
- Architectural, structural, MEP models
  - For regulatory submissions
  - For coordination and / or clash detection analysis
  - For visualization
  - For cost estimation
- Schedule and phasing program (In BIM)
- Construction and fabrication models
- Shop-drawings
- As-built model (in native proprietary or open formats)
- Data for facility management
- Other additional value-added BIM services

There will be routine presentations during the Project to monitor the BIM model in contrast to the construction works and the final BIM model shall be under the ownership of the Client. Therefore, the Consultant must identify skilled staff for all disciplines who will take part in the project delivery from design stage to execution and operation/maintenance through BIM.

## 5 DELIVERABLES

The Consultant shall prepare and submit designs, documents and reports described in this section. All deliverables shall be prepared in English. In addition to 3 (three) hard copies, electronic version of each report, in an open format ready for editing (pdf version is not acceptable), will be submitted. The Table 6 below provides the summary of all specified and described deliverables, and schedule of submission.

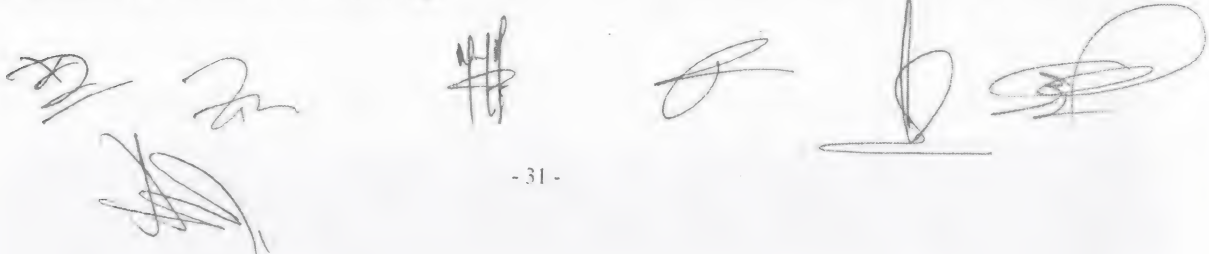
### 5.1 INCEPTION REPORT

The Consultant shall submit Draft Inception Report within 4 (four) weeks of commencement of services. Apart from the detail description of the program of services for the first two tasks (Detailed Design preparation and Procurement Assistance), report shall include results of the Preliminary Design review, as well as recommendations for the following design stage.

The Client shall review the draft within 2 (two) weeks of submission upon which the Consultant will have additional 2 (two) weeks for submission of the final Inception Report.

### 5.2 INTERIM REPORTS ON SUPPORTING TECHNICAL STUDIES AND ANALYSIS

Using the findings of the additional surveys, investigations and analysis carried out and listed in Section 4.1.2, the Consultant shall submit interim reports summarizing the findings of the consulting activities for the following:



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Table 4 Schedule of delivery for Supporting Studies and Analysis

Report	Submission
Topographic Survey	3 months from start
Traffic Engineering Study	3 months from start
Parking Study	3 months from start
Residual Pavement Strength Survey	3 months from start
Structural Condition Survey	3 months from start
Hydrological Study	3 months from start
Geotechnical Survey and Investigations	3 months from start
Utility Survey	3 months from start

The Client shall review the drafts within 3 (three) weeks of submission after which the Consultant will have additional 2 (two) weeks for submission of the final Interim Reports.

### 5.3 DETAILED DESIGN

Draft Detailed Design for all infrastructure shall be submitted for review within maximum of 6 (six) months from the commencement of the services following the priorities detailed in Table 3, and in accordance with the schedule provided in The consultant will organize and conduct meetings with project stakeholders as needed, as well as workshops after submission of draft and final detailed designs, to guarantee mutual understanding of project issues and proposed options. All expenses for those workshops should be borne by the consultant under their consulting contract.

Table 5 below. The consultant will organize and conduct meetings with project stakeholders as needed, as well as workshops after submission of draft and final detailed designs, to guarantee mutual understanding of project issues and proposed options. All expenses for those workshops should be borne by the consultant under their consulting contract.

Table 5 Schedule of delivery for Detailed Design

Procurement package	Submission
Package 1: Depot No. 1	3 months from start
Package 2: Depot No. 2	3 months from start
Package 3: Road corridor & BRT infrastructure (segments 0, 1 and 2)	6 months from start
Package 4: 1 km long bridge (segment 3)	See sections 4.2.1 and 5.5
Package 5: Road corridor & BRT infrastructure (segments 4, 5, 6 and 7)	6 months from start
Off-corridor improvements – 1 Package	4 months from start

Final Detailed Design for each package will be submitted within six (6) weeks from the receipt of comments.

### 5.4 BIDDING DOCUMENTS

Draft and final bidding documents will be prepared and submitted along with the draft/final Detailed Design for each package following the schedule provided in The consultant will organize and conduct meetings with project stakeholders as needed, as well as workshops after submission of draft and final detailed designs, to guarantee mutual understanding of project issues and proposed options. All expenses for those workshops should be borne by the consultant under their consulting contract.

Table 5, except for Package 4 which shall be delivered 2 (months) from start of services. The WB's standard procurement documents shall be used for developing ICB packages. One set of standard NCB documents shall be prepared and agreed with the Bank prior to adopting them for the identified procurement packages.

#### 5.5 DETAILED DESIGN REVIEW REPORT FOR PACKAGE 4

The Consultant shall review Detailed Design developed by the contractor and comment on any issues, mistakes or improvements that, in the opinion of the Consultant, need to be addressed to secure successful completion of the D&B contract. The Consultant will assist the Client in review and approval of the design by certifying that the design meets all required parameters and comply with the Employer's requirements, moreover, ensure that any issues associated with the contractor's design are resolved expeditiously.

The Consultant will have the following obligations:

1. Assess the adequacy of the basic input (topography, geotechnics, hydrology, pavement, etc.) data used for the design;
2. Assess the applicability of the design basis established for the design;
3. Check adequacy of the contractor's design based upon own calculations and evaluations;
4. Assist in obtaining approval of the design from the official body/ies, if any.

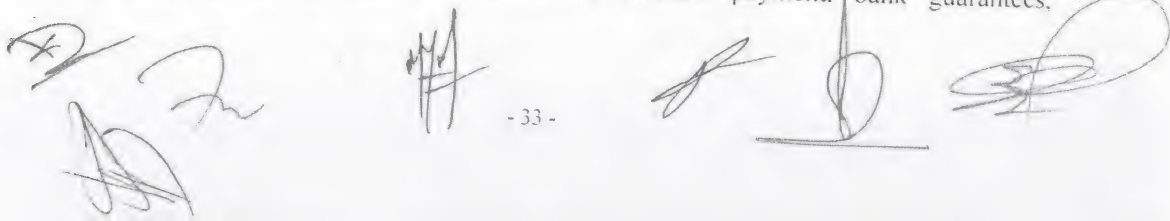
The Consultant shall review Detailed Design set of documents for 1 km long bridge and submit the relevant report within the 3 (three) weeks upon its submission by the Contractor. This report shall include results of the review and identification of any non-compliance likely to cause material deficiency and/or delay, or other adverse consequences compromising the safety, serviceability and economy of the design based on the guidelines provided in the Employer's requirements of the bidding document.

Report will contain specific determination regarding the content and quality of the submission, i.e. "no comments" or "minor comments" which do not require resubmission or "specific comments" where the design is not in accordance with the applicable procedure and code requirements or deviating any legal and technical regulations. With such specific comments, the Consultant shall ensure that the contractor resubmits the revised duly complied Detailed Design for further review within agreed time frames. The Consultant shall ensure that the concerned design review team of consultant work jointly with the contractor to address comments on the design, minimize rework potential and reduce the cycle of comments from consultant to the contractor during finalization of detailed design. The Consultant shall ensure that changes are proposed wherever the contractor's design violates the pertinent codes, procedures and requirements described in the Employer's requirements, however, margin for discretion of design shall be provided to the contractor and extent of changes shall not cause to absolve the contractor from the responsibility of design or provide grounds of claim to the contractor due to the changes suggested above and beyond the Employer's requirements.

If, in the opinion of the Consultant, there is a need for additional field and/or design work to secure quality and an acceptable design life of the works covered by the contract, required changes shall be defined and further work of the contractor will be supervised by the Consultant.

#### 5.6 WORKS COMMENCEMENT REPORT

The Consultant shall submit the Works Commencement Report within 4 (four) weeks of commencement of the construction works in the field, for each of the works contracts. This report shall include results of the contractor's work program review, any modifications thereto, status of the contractor's mobilization, advance payment, bank guarantees,



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insurances, program of quality testing, and any other matters requiring the Client's attention and action.

#### 5.7 MONTHLY PROGRESS REPORTS

The Consultant shall prepare progress reports every month for the duration of the works, for each of the works contracts. These should reach the Client not later than 15 (fifteen) days after the end of the month being reported on. The format and the text of the monthly progress reports shall be as agreed with the Client. The report will include, but not be limited to the following:

- Useful information regarding the implementation of the contract allowing a technical and financial follow up of the project;
- Recording of any agreed changes on the original envisaged technical solutions;
- Suggestions for resolution of any technical and other problems (a separate section will be given to cover issues, problems and solutions) which occur and those affecting the progress of the works such as variation orders to the contractor and contractor's claims;
- Financial status of both the construction and the supervision of the civil works;
- Progress charts including percentages of completion of individual main work items and overall contract;
- Status on contractor's allocated resources vs. actual resources deployed at site;
- Quarterly budget forecasts and milestone values expected to be achieved;
- Weather information and charts;
- Construction and supervision data;
- Breakdown of non-compliances and rectification by the contractor, and the summary of testing and monitoring results;
- Status of compliance with the ESMP, and plan on GBV;
- Information on contractor's adherence to health and safety standards and anti-corruption measures.

#### 5.8 ENVIRONMENTAL AND SOCIAL SAFEGUARDS MONITORING REPORTS

The Consultants will generate E&S safeguards monitoring data/reports on monthly and quarterly basis as guided by EIA, SIA, and CLRP. The reporting will also include the implementation of the Grievance Redress Mechanism (GRM). Quarterly Progress Report (QPR) will be shared, among others, with the Bank for its review and final clearance.

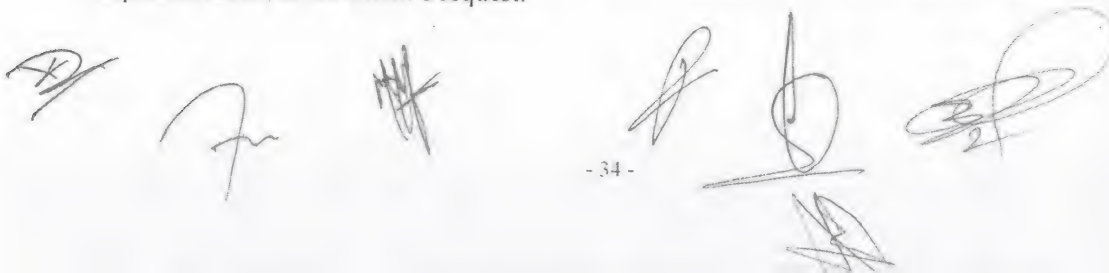
#### 5.9 DEFECT NOTIFICATION PERIOD REPORTS

The Consultant shall submit quarterly reports, for each of the works contracts, showing events and activities for the previous reporting period during DNP within 10 (ten) days after the inspection.

Final DNP report, for each of the works contracts, will be submitted within 30 (thirty) days after the expiration of the DNP.

#### 5.10 SPECIFIC REPORTS

The Consultant shall deliver special reports on any major issue raised during the contract implementation, at the Client's request.



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## 5.11 FINAL CONSTRUCTION AND PERFORMANCE REPORTS

The draft Final Construction Report, for each of the works contracts, shall be submitted not later than 4 (four) weeks after the completion of construction works (i.e. issuance of Taking over Certificate). The report should enable the Client to know the type, quality and quantity of materials used and all information which, together with the as-built drawings (original and 5 (five) hard copies) and specifications and maintenance manuals, will help in maintenance of the Yellow BRT Corridor and off-corridors.

The report shall also include a summary of principal difficulties encountered during construction and means employed to overcome them, changes (if any) made in the original design, modifications to specifications and conditions of contract, all variation orders, assessment of contractor's claims, utilization of provisional sums, price variation and physical contingency sums, cumulative monthly payments to the contractor, by date and number of payment certificate and break down into foreign and local currencies and including a similar payment schedule for supervision services. The details of the overall project costs (construction and supervision) with justification for any significant differences with the original shall be given in the final report. All necessary approvals by the Client and other relevant authorities shall be attached.

The Client shall review the draft Final Construction Report, for each of the works contracts, within 2 (two) weeks of submission upon which the Consultant will have additional 2 (two) weeks for submission of the final version.

Upon issuance of the Performance Certificate and the final payment certificates, for each of the works contracts, the Consultant shall prepare the Project Performance Report, for each of the works contracts, within 4 (four) weeks of issuance of Performance Certificate.

Table 6 Summary and schedule of deliverables

Phase	Deliverable	Submission
Design	<b>1. Inception Report</b>	Draft 4 weeks from start Final 2 weeks after receipt of comments
	<b>2. Interim Report – Supporting Studies and Analysis</b> i. Traffic Engineering Study ii. Parking Study iii. Topographic Survey iv. Residual Pavement Strength Survey v. Structural Condition Survey vi. Hydrological Study vii. Geotechnical Survey and Investigations viii. Utility Survey	Draft 3 months from start Final 2 weeks after receipt of comments
	<b>3. Detailed Design (3 workshops for briefing on analysis reports, detailed designs and safeguards)</b> Draft for Depots No. 1 and No. 2 Draft for Road corridor & BRT infrastructure (segments 0, 1 and 2) Draft for Road corridor & BRT infrastructure (segments 4, 5, 6 and 7) Draft for Off-Corridor improvements Revised Draft ESIA All final designs & Final ESIA	3 months from start 6 months from start 6 months from start 3 months from start with detail designs 4 weeks after receipt of comments
	<b>4. Bidding documents</b>	



Phase	Deliverable	Submission
	Draft for Depots No. 1 and No. 2	3 months from start
	Draft for Road corridor & BRT infrastructure (segments 0, 1 and 2)	6 months from start
	Draft for 1 km long bridge (segment 3)	2 months from start
	Draft for Road corridor & BRT infrastructure (segments 4, 5, 6 and 7)	6 months from start
	Draft for off-corridor improvements	3 months from start
	All final versions	4 weeks after receipt of comments
	5. Detailed Design Review Report for Package 4	3 weeks upon receipt of design
Supervision	6. Works Commencement Report (for each works contract)	4 weeks from start of works contract
	7. Monthly Progress Reports (for each works contract)	15 days after the end of month being reported on
	8. Environmental and Social SG Monitoring Reports	monthly and quarterly basis as guided by EIA, SIA, and CLRP
	9. Defect Notification Period Reports	
	Quarterly reports (for each works contract)	10 days after inspection
	Final DNP Report (for each works contract)	30 days after expiration of the DNP
	10. Specific Reports	15 days upon request
	11. Final Construction Reports (for each works contract)	
	Draft	4 weeks after completion of construction works
	Final	2 weeks after receipt of comments
	Project Performance Reports (for each works contract)	4 weeks after issuance of Performance Certificate

## 6 TEAM COMPOSITION

In order to execute its obligations, the Consultant shall provide the staff and its head office expert assistance as described hereunder. It is specifically noted that the preparation of the Detailed Design for the Yellow BRT Corridor, Depots and off-corridors will run in parallel and the Consultant is required to secure enough capacity of design teams. In order to properly undertake the services, the Consultant shall be expected to field well-qualified key & non-key staff with fluency in English, headed by a **Project Manager**.

**Project Manager:** Shall have overall responsibility for coordination among the consultant's team, PMT/SMTA and other stakeholders during the complete implementation of the project and provides overall guidance and support to its team. S/he shall possess at least 20 (twenty) years of experience, out of which at least 15 (fifteen) years as a team leader or equivalent capacity on civil engineering projects preferably infrastructure development and has led the team of international and national experts.

**Educational Qualification:** Shall be a qualified Civil Engineer, preferably with master's degree in civil engineering or relevant subject (internationally recognized professional qualification). The person on this position should have ability to lead team-work during the

projects, inter-personal, inter-cultural and strong communication skills to ensure effective stakeholder management throughout the project.

6.1 KEY STAFF

6.1.1 Phase: DESIGN

- (i) **Senior Urban Road and Bus Rapid Transit System Expert- Team Leader**  
**Design:** Shall have full responsibility for all technical and administrative aspects, including stakeholder management, required for the design phase to ensure timely preparation of these. S/he shall possess at least twenty (20) years of experience in infrastructure projects, out of which at least twelve (12) years as a Team Leader or equivalent capacity on urban road/transit and infrastructure design and construction projects of similar nature, scale and complexity to this project. S/he will possess extensive experience in design, construction and supervision of urban road/transit projects, contract and project management. S/he should have served in a similar role on long-term basis on at least three (3) previous successfully similar assignments where the value of the works designed / executed was at least USD fifty (50) million for each assignment. Experience of working for at least five (5) years in countries with similar conditions.

*Educational Qualification:* Shall be a qualified Civil Engineer, preferably with master's degree in civil engineering or relevant subject (internationally recognized professional qualification). The person on this position should have ability to lead team-work during the projects, inter-personal, inter-cultural and strong communication skills to ensure effective stakeholder management throughout the project;

- (ii) **Senior Bus Rapid Transit System Design Expert:** shall have at least fifteen (15) years of professional experience in urban transport planning or engineering out of which at least ten (10) years of experience should be in a similar role working on projects of similar nature, scale and complexity. H/She shall be responsible to assist the Team Leader in managing *all* design related matters and shall lead the design team in preparation of detail designs of the project, relevant technical documentations and comprehensive design coordination keeping all aspects of urban transport, mass transit and quality in consideration. Experience of working for at least 5 (five) years in countries with similar conditions, fluency in English language is required.

*Educational Qualification:* Shall be a qualified Civil / Transport Engineer, preferably with master's degree in civil engineering – specialization in Transportation/ Urban Transport/ Traffic Engineering or relevant subject (professional qualification recognized internationally). Advanced qualifications and experience in MRT/BRT systems, planning, design & operations, MRT/BRT corridor design, street design, and BRT system planning and design, Public Transport System reform, management, and implementation will be an added advantage;

- (iii) **Senior Structural/Bridge Engineer:** At least twenty (20) years of professional experience in structural design and bridge construction, out of which at-least fifteen (15) years in concrete bridge and viaduct/underpasses designs. H/She shall oversee structures design and shall lead the team of structural engineers for all structural design works to be incorporated into the detail design, design reviews and

coordination during construction supervision. Experience of working for at least 5 (five) years in countries with similar conditions.

*Educational Qualification:* Shall be a qualified Civil Engineer, preferably with master's degree in civil/structural engineering or relevant subject (professional qualification recognized internationally). Advanced certifications and knowledge in Seismic Analysis and Structural Dynamics, Structural Integrity and Maintenance, Failure Analysis will be an added advantage:

- (iv) **Senior Pavement Engineer:** At least 15 (fifteen) years of professional experience, out of which at-least twelve (12) years in geometric design of urban road and BRT projects of similar nature, scale and complexity. S/he shall be in-charge of pavement design and supervision of all works regarding pavements for both BRT corridor and off-corridors. Experience of working for at least 5 (five) years in countries with similar conditions.

*Educational Qualification:* Shall be a qualified Civil Engineer, preferably with master's degree in civil engineering or relevant subject (professional qualification recognized internationally). Experience and knowledge of innovative practices in pavement designs will be an added advantage.;

- (v) **Senior Procurement Specialist:** At least fifteen (15) years of professional experience in procurement of works and services, out of which experience of at least twelve (12) years in urban infrastructure construction projects, including at least two (02) projects procured on a Design and Build (D&B) basis. S/he shall lead team of procurement engineers and shall be responsible for preparation of procurement documentation and assistance during entire procurement process during the project. Moreover, s/he will be tasked to plan and deliver capacity building training sessions for the Client's staff on the subject matter specifically on the Design and Build Contracts. Experience of working for at least 5 (five) years in countries with similar conditions, fluency in English language is mandatory and good knowledge of Urdu language will be an added advantage.

*Educational Qualification:* Shall be a qualified Civil Engineer, preferably with master's degree in civil engineering or construction management or relevant subject (professional qualification recognized internationally). Experience and knowledge of working with World Bank procurement regulations will be preferred.

#### 6.1.2 Phase: SUPERVISION

The Consultant's supervision team shall include the following key staff members:

- (i) **Chief Resident Engineer (CRE) / Team Leader Construction:** At-least eighteen (18) years of professional experience in design and construction supervision of infrastructure projects; out of which at-least fifteen (15) years in the capacity of senior resident engineer leading the teams of construction supervision staff on infrastructure projects of similar nature, scale and complexity. S/he shall be responsible for the entire construction supervision matters. S/he shall be responsible to work closely with design team, supervision staff, contractors and the Client to keep the project progress monitored and take appropriate actions when necessary to ensure timely completion of the project.

*Educational Qualification:* Shall be a qualified Civil Engineer, preferably with master's degree in civil engineering or relevant subject (professional qualification recognized internationally);



- (ii) **2 (Two) Resident Engineers.** with at least 15 (fifteen) years of professional experience, out of which at least ten (10) years of extensive experience as a resident engineer or equivalent capacity on urban infrastructure construction projects on projects of similar nature, scale and complexity. They shall be responsible for construction aspects for the BRT corridor, off-corridors and bus depots with priority to the quality and safety matters. They shall lead teams of their respective assistant resident engineers and other construction supervision staff and shall report to the CRE. Experience of working for at least 5 (five) years in countries with similar conditions and good knowledge of Urdu will be an added advantage.

*Educational Qualification:* Shall be a qualified Civil Engineer, preferably with master's degree in civil engineering or relevant subject (professional qualification recognized internationally):

- (iii) **Senior Contract Management Specialist:** At least fifteen (15) years of experience, out of which at least ten (10) years in urban infrastructure construction projects of similar scale and complexity. S/he will track and monitor all contractual issues, monitor and maintain an overview of issues that may put the Client at risk of financial or time effect under the terms of the contract, provide instructions on claims from a contractual point of view, establish and maintain a record of all instructions and notices issued under the terms of contract, assess the extent of cost and time effect of variations, solve problems in application of contract and legal rules, prepare drafts of any submissions and certificates for issue.

*Educational Qualification:* Shall be a qualified Civil Engineer, preferably with master's degree in civil engineering or relevant subject (professional qualification recognized internationally).

## 6.2 NON-KEY STAFF

The following non-key staff is deemed to be necessary to comply with the required scope of the design and supervision phases:

- (i) **Urban Space Management Specialist:** At least ten (10) years of professional experience in implementation and management of urban projects having experience in at least two (2) projects of similar nature, scale and complexity. S/he must have a master's degree in urban planning with technical specialization in parking studies, design of on-street and off-street parking facilities, and knowledge of technologies and systems for administering parking charges, and enforcing parking regulations.

*Educational Qualification:* Shall be a qualified Urban Planner and/or Civil/Transportation Engineer, (professional qualification recognized internationally):

- (ii) **Senior Traffic Engineer:** With at least fifteen (15) years of professional experience in traffic engineering for Urban roads and Mass Transit facilities. S/he will possess expert knowledge of traffic engineering principals and be proficient in the use of traffic modelling & simulation software having experience in at least three (3) projects of similar nature, scale and complexity. S/he shall work closely with the BRT design engineers and shall be responsible for undertaking classified movement surveys, review and advise on BRT service plan and travel demand model used to devise the route network and estimated ridership and simulation of the entire Yellow BRT Corridor (specifically micro-simulations at junctions). S/he shall also be responsible to advise on traffic management and safety matters along the corridor and during construction, working in close cooperation with Traffic



Safety Engineer. Moreover, s/he will be tasked to plan and deliver capacity building training sessions for the Client's staff on traffic planning and engineering techniques in similar projects, according to the best practices adopted internationally.

*Educational Qualification:* Shall be a qualified Civil / Transport Engineer, preferably with master's degree in Transportation/traffic engineering or relevant subject (professional qualification recognized internationally);

- (iii) **Non-Motorized Traffic (NMT) Specialist:** At least fifteen (15) years of professional experience out of which at-least ten (10) years in planning and designing of projects for NMT. S/he shall work closely with the road/BRT/traffic engineers and shall be responsible for planning and designs of NMT facilities with special emphasis on quality and safety aspects. Moreover, s/he will be tasked to plan and deliver capacity building training sessions for the Client's staff on the practical aspects of NMT according to the best practices adopted internationally.

*Educational Qualification:* Shall be a qualified Urban Planner and/or Civil / Transportation Engineer preferable with master's degree in civil / Transportation Engineering or relevant subject, (professional qualification recognized internationally);

- (iv) **Occupational, Health and Safety Specialist:** At least fifteen (15) years of experience in managing occupational health and safety aspects during the execution of large civil works projects. S/he will be responsible for OHS aspects of work sites and shall submit monthly reports to the CRE on the status of implementation of mitigation measures, complaints received, and actions taken. The OHS specialist shall ensure that all necessary equipment (including personal protective equipment) and support including but not limited to provision of dedicated vehicles, office space and accessories, safety related tools are provided to the contractor's OHS manager during the contract. S/he will, jointly with the Social Safeguards Specialist and Environmental Safeguards Specialist assist in resolution of relevant complaints during project implementation. Moreover, s/he will be tasked to plan and deliver capacity building training sessions for the Client's and contractor's staff on the practical aspects of OHS, (design for safety, construction safety, accident prevention etc.) according to the best practices adopted internationally.

*Educational Qualification:* Shall have relevant qualification and certification recognized nationally and internationally;

- (v) **6 (Six) Assistant Resident Engineers:** At least 10 (ten) years of experience in supervision of road, bridges, infrastructure works. Reporting to the resident engineer of their respective packages, their duties shall include management of site operations, verifying that the contractor fulfils its duties and responsibilities in carrying out and completing the contract, maintaining all the records that are relevant to the performance of the contract.

*Educational Qualification:* Shall be a qualified Civil Engineer (professional qualification recognized internationally);

- (vi) **Architect:** At least fifteen (15) years of professional experience, out of which at least ten (10) year experience in the architectural design and supervision of urban transit or relevant works. S/he shall be responsible for architectural (and visual) design and supervision of all elements for the BRT corridor and grade separated structures including stations and depots, with due consideration to the innovative

practices and sustainable designs adopted internationally. Experience of working for at least 5 (five) years in countries with similar conditions and good knowledge of Urdu will be an added advantage.

*Educational Qualification:* Shall be a qualified Architect preferably with master's degree (professional qualification recognized internationally);

- (vii) **BIM Specialist:** At least ten (10) years of international experience in design and construction of infrastructural works, out of which at least 7 (seven) years in implementation of BIM environment in designing and construction management of projects of similar nature, scale and complexity. S/he shall lead a team of engineers and shall be responsible for managing the design activities (specially design coordination) and tracking the performance during works execution towards the full application of the BIM. Moreover, s/he will be tasked to plan and deliver capacity building training sessions for the Client's staff in respect to application of BIM technology. Experience of working for at least 5 (five) years in countries with similar conditions. Fluency in English language is mandatory.

*Educational Qualification:* Shall be a qualified Architect/Civil Engineer, preferably with master's degree in civil engineering/architecture/construction management or relevant subject (professional qualification recognized internationally). Internationally recognized BIM Certifications will be preferred;

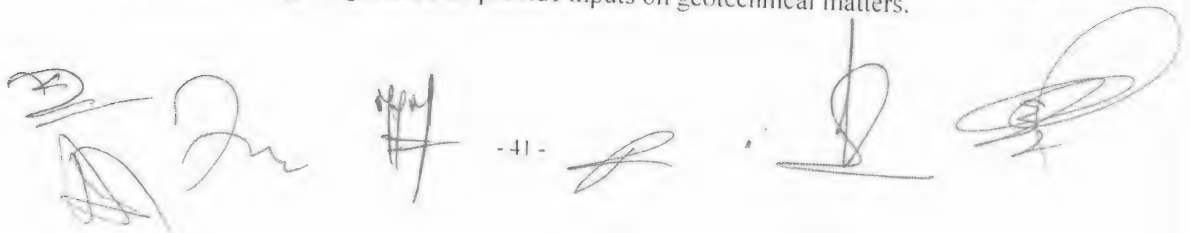
- (viii) **Materials Engineer:** At least 15 (fifteen) years of experience in civil engineering works and relevant specifications, out of which at least 10 (ten) years as materials engineer in road/urban road works. Hers/his duties shall include, but not be limited to: scrutinize documents for imported materials or manufactured items to ensure compliance with specifications, test and record results on standard forms showing exact location of the materials in the works and their origin, certification of all materials to be used in the works in terms of quality and quantity. S/he shall also be in charge of all materials to be incorporated into the works, as well as utilization of material sites and waste deposit sites. S/he shall as well carry out tests during execution and on completed works in order to check compliance with specification requirements of the works operations after the materials have been placed in the field.

*Educational Qualification:* Shall be a qualified Civil/Materials Engineer (professional qualification recognized internationally);

- (ix) **Drainage Engineer:** At least fifteen (15) years of professional experience in design and supervision of urban road drainage works. S/he must be well acquainted with the innovative drainage design practices in similar projects and demonstrate proven skill in modelling techniques in drainage design. S/he shall be responsible for the design and supervision of the drainage system in the project.

*Educational Qualification:* Shall be a qualified Civil Engineer (professional qualification recognized internationally);

- (x) **Geotechnical Engineer:** At least fifteen (15) years of professional experience in design and supervision of geotechnical works specially on infrastructure development works (roads, bridges etc.). S/he will oversee geotechnical aspects of the design and construction and shall work closely with the Structural and Pavement Design engineers and provide inputs on geotechnical matters.

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*Educational Qualification:* Shall be a qualified Civil Engineer, preferably with master's degree in civil/geotechnical engineering or relevant subject (professional qualification recognized internationally):

- (xi) **Utilities Engineer:** At least 10 (ten) years of professional experience in design and supervision of utilities works. S/he shall work closely with the road/BRT design engineers and shall be responsible of utilities design and all operations on utilities during construction.

*Educational Qualification:* Shall preferably possess a Civil/Materials Engineer degree or relevant certification in the field of civil works (professional qualification recognized internationally):

- (xii) **2 (Two) Quantity Surveyors:** At least ten (10) years of experience in quantity surveying for civil engineering projects (road, bridges, buildings etc.), out of which at least seven (7) years for road projects. They will oversee initial re-measuring of contract works, measuring quantities of work done and certify completed quantities, and for checking the accuracy of the estimated remaining quantities which should be included in the contractor's program of completion.

*Educational Qualification:* Shall hold a BTech (Civil) or Diploma of Associate Engineering (Civil) from a recognized institute:

- (xiii) **Traffic Safety Engineer:** At least fifteen (15) years of experience in the traffic and road safety aspects in design and supervision of urban road / transit works. S/he will oversee traffic safety measures for the design stage and implementation of all traffic safety measures during construction. S/he will also oversee traffic management during construction, including the review and approval of the Contractors' traffic management plans and following up its implementation. S/he will work in close cooperation and under guidance of Senior Traffic Engineer.

*Educational Qualification:* Shall be a qualified Civil/Transportation Engineer, preferably with master's degree in civil/transportation engineering with road safety credentials and professional qualification recognized internationally:

- (xiv) **Environmental Safeguards Specialist:** At least fifteen (15) years of experience in environmental management and monitoring, out of which at least ten (10) years in urban road/transit construction projects. S/he will oversee all environmental SG related activities and aspects of the design, and implementation and supervision of the environmental mitigation measures in accordance to GoS and WB policies, guidelines and procedures. These include but are not limited to: impact assessment, socioeconomic surveys, census, conducting meaning consultations, reporting, maintaining liaison with the Client / other key stakeholders. S/he will, jointly with the Social Safeguards Specialist and Occupational Health and Safety (OHS) Specialist assist in resolution of relevant complaints during project implementation. In addition, the Consulting team will designate appropriate staff (preferably site engineer) as Environmental Focal Person at each site to monitor and ensure SG compliance at field/site level.

*Educational Qualification:* Shall be a qualified civil/environmental engineer, preferably with master's degree in civil/environmental engineering or relevant subject (professional qualification recognized internationally):

- (xv) **Social Safeguards Specialist (Resettlement Expert):** At least ten (10) years of experience in the social issues, out of which at least seven (7) years in urban

road/transit construction projects. S/he will be in charge of all social aspects of the works, and implementation of social mitigation measures. S/he will monitor all the social SG related activities and aspects of the design and compliance requirements in accordance with applicable GoS and WB policies and procedures related to resettlement and grievance management. These include but are not limited to: impact assessment, socioeconomic surveys, census, conducting meaning consultations, reporting, maintaining liaison with the Client / other key stakeholders S/he will, jointly work with the Environmental Safeguards Specialist and Occupational Health and Safety (OHS) Specialist, during project implementation. In addition, the Consulting team will designate appropriate staff (preferably site engineer) as Social Focal Person at each site to monitor and ensure SG compliance at field/site level.

*Educational Qualification:* Shall be qualified in Social Sciences, preferably with master's degree in social sciences or relevant subject (professional qualification recognized internationally);

- (xvi) **Project Controls Expert:** At least fifteen (15) years of experience in similar complexity and budget projects. S/he must possess knowledge to work on internationally recognized project controls software and have a good handle of project reporting methods. S/he will assist the CRE and other key staff in project controlling activities, and assessment and mitigation of project risks associated with cost, schedule or scope change.

*Educational Qualification:* Shall be a qualified Engineer, preferably with master's degree in construction management or relevant subject (professional qualification recognized internationally);

- (xvii) **Electrical Engineer:** At least ten (10) years of professional experience of working on projects of similar nature, scale and complexity. S/he shall be responsible for the design and supervision of all electrical engineering works for the project including but not limited to the street lightning, coordination with the ITS consultant, supply of electricity to stations/depots, with due consideration to the renewable energy and innovative practices adopted internationally.

*Educational Qualification:* Shall be a qualified Electrical Engineer (professional qualification recognized internationally);

- (xviii) **Mechanical Engineer:** At least ten (10) years of professional experience of working on projects of similar nature, scale and complexity. S/he shall be responsible for the design and supervision of all mechanical engineering related works for the project including but not limited to the stations, depots, pedestrian bridges, management of drainage in underground structures, lifts & escalators, with due consideration to the innovative practices adopted in projects internationally.

*Educational Qualification:* Shall be a qualified Mechanical Engineer (professional qualification recognized internationally);

- (xix) **HVAC (Heating, Ventilation and Air Conditioning) Engineer:** At least ten (10) years of professional experience of working on projects of similar nature, scale and complexity. S/he shall be responsible for the design and supervision of all HVAC equipment and facilities related works for the project including but not limited to the stations, depots, pedestrian bridges, lifts & escalators, with due consideration to the innovative practices adopted in projects internationally.



*Educational Qualification:* Shall be a qualified Mechanical Engineer (professional qualification recognized internationally);

- (xx) **6 (six) Site inspectors:** At least ten (10) years of professional experience of working on projects of similar nature, scale and complexity. They shall provide assistance and support to SRE and Assistant Resident Engineers, and also monitor and report to corresponding engineers in respect to execution of: all civil works, works organized in shifts, key construction activities (scaffolding, reinforcing, concreting, paving, drainage, etc.), materials sampling and testing, measurements.

*Educational Qualification:* Shall be a qualified Civil Engineer (professional qualification recognized internationally).

Although indicative, the Consultants are encouraged to maintain and/or improve the non-key staff requirements. Proposals with staffing variations of non-key positions than the above specified must provide suitable justification for the staffing replacing arrangement. The Consultants are also expected to maintain a minimum twenty number of trainee professionals (fresh graduates from local universities accredited by HEC Pakistan).

In addition to the personnel designated above, the Consultant shall determine the additional technical staff requirements for the assignment (engineers, procurement assistants, contract management assistants, quantity surveyors, utility coordinators, surveyors, laboratory technicians, etc.) to assist with *simultaneous* preparation of Detailed Design for Yellow BRT Corridor and off-corridors, and on-site supervision of the works (considering the project completion timelines and expected start of construction of the 1 km bridge under Design-Build contract), as well as administrative and support staff. All costs for the additional technical staff, administrative and support staff shall be included in the rates of non-key staff.

Some important considerations are as follow:

- (i) The Consultant must provide Curriculum Vitae (CV) and certified copies of highest education certificates for *all key staff* in the proposal, *including duration in person-months for which the staff will be deployed under the contract.*
- (ii) The Consultant is not required to submit CVs of non-key and additional staff within the proposal, but these personnel shall be subject to prior approval of the Client from start of services. Generally, the support technical staff should possess education relevant for the nominated position, have at least 5 (five) years of experience, out of which at least three (3) years in road/urban road and infrastructure projects and be fully available to the Consultant for the whole duration of the design and/or supervision services.
- (iii) The Consultant will provide a *backstopping pool of expatriate and/or local specialists* to cover special needs arising under such disciplines as geology, hydrology, geotechnical, structures, pavements, contract management, etc.
- (iv) The Consultant should allow for a maximum of *6 (six) person-months during design preparation and 18 (eighteen) person-months backstopping during supervision*, but CVs are not required to be submitted with the proposal. These personnel shall be subject to prior approval of the Client before deployment.
- (v) Backstopping specialists are considered as non-key staff and will be paid according to time spent at the field. These specialists should have at least 20 (twenty) years of experience, out of which at least 10 (ten) years in urban road/mass transit and infrastructure construction projects.

- (vi) The Consultant's supervision staff shall be available to move to the works site with the commencement of the works contract(s), while the part of the team responsible for design and procurement shall be available from the commencement of services.

## 7 IMPLEMENTATION ARRANGEMENTS

### 7.1 DATA, SERVICES AND FACILITIES TO BE PROVIDED BY THE CLIENT

The Client has constituted a PMT for liaison, coordination and guidance to the Consultant for the assignment. PMT will provide all possible assistance and information as may be reasonably requested by the Consultant to carry out his obligations.

PMT, consisting of appropriate experts headed by a Project Director and to be assisted by the various Directorates of the SMTA, will have the overall responsibility for implementing the KMP. The PMT is being staffed by: a project director, a deputy project director, liaison officer, civil engineers, a mass transit specialist, a traffic engineer, a financial management specialist, a fully accredited accountant, a procurement and contract management specialist, an environmental specialist, a social development specialist, a gender specialist and a communication specialist.

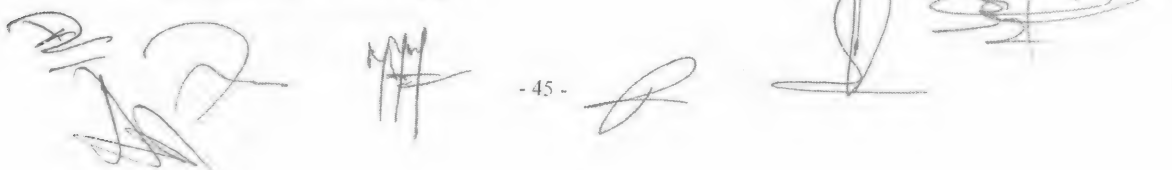
Through the construction contracts, the Consultant shall be provided with:

- (i) Fully furnished and equipped site office containers at each construction site (works contract), for members of the supervision team, including maintenance, water, electricity, telecommunication services, high-band Internet connection, office supplies and consumables. Containers will comprise of at least 5 (five) working places and toilette facilities, and will be located conveniently within the site to serve as field offices for members of the supervision team;
- (ii) Furnished laboratory, including surveying equipment, sampling equipment, laboratory equipment and accessories, maintenance and operation. Laboratory will be equipped for testing of raw materials and products for soils, asphalt and concrete. All equipment has to be accredited according to local rules. Laboratory will be conveniently located at the site and will be available for performance of the contractor's preliminary and ongoing testing, as well as control testing by the Consultant. The Consultant does not have to provide his own staff for laboratory (contractor's responsibility), but the Consultant must have his own staff to monitor, check and validate the testing.

After commencement of the works contract, the Client will organize through the construction contract, maintaining and cleaning for the above listed facilities of the Consultant. This includes provision of all necessary cleaning equipment, rubbish bins and materials as well as provision of liquid soap for hand washing, dish washing, etc., lavatory cleaner and brushes, toilet paper, daily provision of clean hand towels, fly spray, extermination of any rodents and any other such incidentals as the Consultant may reasonably require for maintaining decent conditions for the operations of the offices. Eventual repair works for the facilities are also included.

For the whole duration of the services, the Consultant shall plan and cost support of its team, by providing: fully furnished office space (apart from the above listed facilities at sites and laboratory) either close to the site or to the PMT office (also including a conference room with at least 25 (twenty-five) seating places), equipment, computer hardware and software, communication, office stationary, printing and copying facilities, local and international transport, housing, etc.

The Client will assist the Consultant to:



- 45 -

- (i) Obtain formal consent from outside authorities or persons having rights or powers in connection with the works or the site thereof;
- (ii) Obtain ministerial orders, sanctions, licenses and permits in connection with the works;
- (iii) Register any non-national senior staff with the relevant engineers' board (or similar), if required.

#### 7.1.1 Design Review and Road Safety Audit

The Client shall arrange for the review of the Detailed Design for both Yellow BRT Corridor and off-corridors immediately upon submission of relevant deliverables. The Consultant is obliged to follow the reasonable and implementable findings of the Detailed Design review so that the Client would be able to receive approval of the design and implement the works. If deemed to be necessary, the Consultant will be invited to attend meetings with the review committee.

The Client shall arrange for performance of the Road Safety Audit (RSA) of the Yellow BRT Corridor and off-corridors through an independent detailed systematic and technical safety check relating to the design characteristics of a road infrastructure. The road safety auditor shall be an independent person/entity outside the team of experts who were involved in the design or design review of the subject project. The Client will hire the independent Road Safety Auditor under a separate contract. The auditor will be encouraged to interact with the E&S and HS Specialists, and vice versa, for integrating environmental and safety recommendations in SG documents.

The third-party RSA would be practically performed in three stages, namely:

- (i) **RSA of the Detailed Design** prepared by the Consultant to evaluate final geometric design features, traffic signing and pavement marking plans, lighting plans, landscaping, intersections' details, facilities for other participants in traffic and operation, drainage, guardrails, and other roadside objects;
- (ii) **RSA of the executed work during the construction stage** to evaluate execution of geometric design features, traffic signing and pavement marking plans, lighting plans, landscaping, intersections' details, facilities for other participants in traffic and operation, drainage, guardrails, and other roadside objects. It will also cover the audit of activities performed by the contractors in the field during the works performance in terms of compliance with the Detailed Design, TMP, and legal and regulatory defined procedures;
- (iii) **RSA post completion of construction work** to suggest further improvements in the as-build infrastructure which the contractor shall rectify during the DNP.

Principally, the audit will follow the RSA Guideline issued by the World Road Association (2007).

The Consultant will ensure that results from RSAs are reflected in the detailed design, during construction during the DNP and in SG documents where appropriate.

#### 7.2 DURATION OF SERVICES

The engagement shall be deemed to have started on execution of the agreement and shall terminate at the completion of the DNP when the final inspection of all works has been done and the Consultant has fulfilled all his obligations, whatever comes later.



Estimated duration of the services is 60 (sixty) months, which comprise of 12 (twelve) months of Detailed Design preparation (including review and revision) and procurement phase, 36 (thirty-six) months during construction and 12 (twelve) months after completion of works, i.e. during the DNP with the Consultant's intermittent input to check continuous quality and actual performance of the works.

In view of the tasks to be achieved, it is anticipated that staff input will be 203 key staff months, as well as 931 non-key staff months (Table 7).

Table 7 Estimated staff input [person-months]

Team member	Indicative person-months		
	Design and procurement	Construction	DNP
<b>A. Key staff</b>			
Senior Urban Road & BRT System Expert / Team Leader Design (1)	12	3	-
Senior BRT Design Expert (1)	12	3	-
Senior Structural / Bridge Design Engineer (1)	9	3	-
Senior Pavement Design Engineers (1)	6	6	-
Senior Procurement Specialist (1)	9	-	-
Chief Resident Engineer / Team Leader Construction (1)	-	30	6
Resident Engineers (2)	-	66	9
Senior Contract Management Specialist (1)	2	24	3
<b>Sub-total key staff (A)</b>	<b>50</b>	<b>135</b>	<b>18</b>
<b>B. Non-Key staff</b>			
Project Manager (1)	6	12	6
Urban Space Management Specialist (1)	6	-	-
Architect (1)	6	12	-
Senior Traffic Engineer (1)	9	9	-
BIM Specialist (1)	9	18	2
OHS Specialist (1)	2	30	-
Assistant Resident Engineers (6)	-	216	12
Materials Engineer (1)	-	30	-
Drainage Engineer (1)	6	12	-
Geotechnical Engineer (1)	6	18	-
Utilities Engineer (1)	6	12	-
Quantity Surveyors (2)	6	60	-
Traffic Safety Engineer (1)	6	30	-
Environmental Safeguards Specialist (1)	5	30	-
Social Safeguard Specialist (1)	5	30	-
Project Controls Expert (1)	3	30	-
Electrical Engineers (1)	3	12	2
Mechanical Engineers (1)	3	12	2
HVAC Engineer (1)	3	12	2
NMT Specialist (1)	5	3	-
Site Inspectors (6)	-	216	6
<b>Sub-total non-key staff (B)</b>	<b>95</b>	<b>804</b>	<b>32</b>
<b>Total key and non-key staff (A+B)</b>	<b>145</b>	<b>939</b>	<b>50</b>

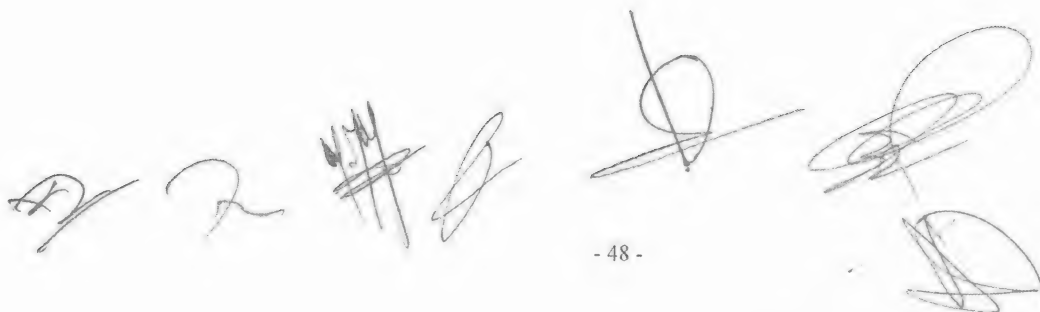
The Consultant should consider the prospective peaks of activities and ensure the adequacy of staffing levels during such periods, and, at the same time, periods with low productivity levels should not be un-economically over-staffed. The objective is that the Consultant should



propose to assign team that will be best suited to the methodology of its design services, supervision and management systems. The Consultant should also consider the added value that will be provided by its organization.

Details of staffing levels will be agreed through the course of the assignment with the Client depending on the services and works currently in progress. The Consultant has to perform this assignment mainly in the field in *Karachi*. However, some work of the Consultant during preparation of Detailed Design and procurement assistance may be undertaken at their home office with the *consent* of the Client.

It should be noted that the Consultant shall provide its services during construction in the field according to the contractor's work schedule, which may include work during *seven* (7) days a week. *Nightshifts* may be expected as well. The Consultant will not be entitled to any overtime payment.

A series of handwritten signatures and initials in black ink, arranged horizontally across the bottom of the page. From left to right, there is a stylized signature, a cursive 'Z' or '2', a signature with a large 'X' or 'H' mark, a signature with a large 'S' or 'B' mark, a signature with a large 'D' or 'O' mark, and a signature with a large 'D' or 'O' mark.

**KARACHI MOBILITY PROJECT**

**EOI EVALUATION REPORT**

*for*

**Shortlisting of Consultants**


*for*

**PREPARATION OF DETAILED DESIGN, PROVIDE PROCUREMENT  
SUPPORT AND  
CONSTRUCTION SUPERVISION**

(September 2020)

**SINDH MASS TRANSIT AUTHORITY**

**GOVERNMENT OF SINDH**



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## 1 INTRODUCTION

The implementation of a comprehensive solution to Karachi's severe urban mobility problems is underway through decisive Federal and Provincial Governments engagement towards the implementation of a Bus Rapid Transit System [the **BRTS**] as planned under the Karachi Urban Transport Master Plan of 2030. In order to support execution of the infrastructure component of the Karachi Mobility Project through the development of the Yellow BRT Corridor, the Sindh Mass Transit Authority [the **SMTA**] wishes to engage a qualified consulting firm to undertake "Preparation of Detailed Design, provide procurement support and Construction Supervision" services.

The scope of services, grouped in two phases, consist of the following major tasks:

- **Phase 1: DETAILED DESIGN** - preparation of detailed design and bidding documents for contractor selection;
- **Phase 2: CONSTRUCTION SUPERVISION** - construction supervision and contracts administration, including post-construction activities, provide support in monitoring and ensuring environmental and social safeguard compliance.

## 2 ADVERTISEMENT

The SMTA invited eligible consultants to indicate their interest in providing the aforementioned services. The Request for Expression of Interest [the **REOI**] (attached in section 7.1) was published in:

- United Nations Development Business [the **UNDB**] on 14<sup>th</sup> February 2020 as part of the World Bank procurement process;
- The Daily Dawn, Karachi, Pakistan dated 19<sup>th</sup> February 2020.
- The Express Tribune, Karachi dated
- The Daily Jang, Karachi, Pakistan dated 19<sup>th</sup> February 2020.
- The Khaleej Times dated 21<sup>st</sup> February 2020.

The EOI submission deadline was set at March 17, 2020 by 05:00 local time of Karachi, Pakistan.

## 3 EVALUATION COMMITTEE

A Consultant Selection Committee [the **CSC**] has been constituted, to carry out the entire procurement process for hiring of consultancy services, through a notification SO(C-IV)SGA&CD/Notification-Trpt/2020 dated 13<sup>th</sup> May 2020 (issued by Services, General Administration & Coordination Department, GoS and attached in section 7.2). The CSC comprises of the following members:

No.	Designation	Status
1	Managing Director, SMTA, GoS	Chairman
2	Director Infrastructure / Projects, SMTA, GoS	Member
3	Chief Consultant, TMTD	Member
4	Director Finance & Accounts, SMTA, GoS	Member

MMH



No.	Designation	Status
5	Director ITS, SMTA, GoS	Member
6	A representative of P&D department, GoS not below the rank of BS-18	Member
7	A representative of Finance department, GoS not below the rank of BS-18	Member

Later, this committee was re-constituted vide Notification SO(C-IV)SGA&CD/Notification-Trpt/2020 dated 28<sup>th</sup> July 2020 (issued by Services, General Administration & Coordination Department, GoS and attached in section 7.2).

No.	Designation	Status
1	Managing Director, SMTA, GoS	Chairman
2	Project Director (Project Management Team), Yellow Line BRT	Member
3	Director Infrastructure / Projects, SMTA, GoS	Member
4	Chief Consultant, TMTD	Member
5	Director Finance & Accounts, SMTA, GoS	Member
6	Director ITS, SMTA, GoS	Member
7	Deputy Director (Procurement), SMTA, GoS	Member
8	A representative of P&D department, GoS not below the rank of BS-18	Member
9	A representative of Finance department, GoS not below the rank of BS-18	Member

#### 4 LIST OF RESPONDING FIRMS

In response to the REoI, thirteen consultants submitted their EoIs by the submission deadline. Details of the submitted EoIs are presented in the following table.

Reference No.	Name of Consultant Firm	Lead Firm	Country of origin
EoI-1	M/s Botek Bosphorus Technical Consulting Corp. <b>JV</b> M/s Mega Engineering Consulting Inc.	M/s Botek	Turkey
EoI-2	M/s Dar-al-Handasa in <b>JV</b> with M/s NESPAK	M/s Dar	Lebanon
EoI-3	M/s Eser Musavirlik <b>JV</b> M/s Techno Consult <b>JV</b> M/s Meg Yatirim	M/s Eser	Turkey

Reference No.	Name of Consultant Firm	Lead Firm	Country of origin
Eol-4	M/s ITALconsult	M/s ITALconsult	Italy
Eol-5	M/s Kaiser Engineering & Consulting JV M/s Apco Teknik JV M/s SMEC JV M/s Zeeruk International (Pakistan) JV M/s Loya Associates JV M/s Engineering General Consultants (Pakistan)	M/s Kaiser	Turkey
Eol-6	M/s Khatib & Alami JV M/s Osmani & Company JV M/s Nama Consulting Engineers & Planners JV M/s Prof. Dr S.N. Pollalis Inc / M/s Halcrow Pakistan	M/s Khatib & Alami	Lebanon
Eol-7	M/s Kunhwa Engineering & Consulting JV M/s Dong Il Engineering Consultants JV M/s EuroConsult	M/s Kunhwa	South Korea
Eol-8	M/s Minconsult Sdn. Bhd JV M/s EA Consulting JV M/s Creative Engineering Consultants	M/s Minconsult	Malaysia
Eol-9	M/s Renardet JV M/s PEAS JV M/s ESS-I-AAR JV M/s ECSP	M/s Renardet	Switzerland
Eol-10	M/s SCE JV M/s Hill International JV M/s Logit JV M/s HHO JV M/s Exponent	M/s SCE	France
Eol-11	M/s Tebodin	M/s Tebodin	Netherland
Eol-12	M/s Tümas Turkish Engineering Consulting & Contracting JV M/s Emay International Engineering & Consultancy JV M/s Rehman Habib Consultants	M/s Tumas	Turkey
Eol-13	M/s TYPASA JV M/s Mott Medonald Pakistan	M/s TYPASA	Spain

## 5 EVALUATION PROCESS

In total, four meetings of the CSC took place before concluding the shortlisting (pre-qualification) of the EOIs, wherein all members revisited the scope of the assignment with a special focus on the expectations, evaluation criteria and the content of the EOIs received. The overall process of the evaluation was explained, discussed and clarified.

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In the second CSC meeting, held on 25<sup>th</sup> June 2020, the CSC concluded with the agreement on the evaluation criteria published in the REOI (as presented below in the section 5.1). The CSC scrutinized all Eols, documenting and recording availability of the required qualifications at the consultants for the intended assignment by examination of the strengths and weaknesses for each consultant. The overall judgment on strengths and weaknesses determined by the CSC is the result of assessment of the data provided from the received Eols.


In the third CSC, held on 06<sup>th</sup> July 2020, it was decided and agreed that there are some EOI documents from five consultant firms, fulfilling the REOI criteria, wherein some relevant information is missing and may be sought in the form of clarifications. *Examples* of such documents/information include:

- completion certificates provided in a language other than English which is not understandable.
- completion certificates provided by bidders do not specifically mention the scope of work/services of the consultant, project cost, details of client performed for the client.
- audited financial reports from any of the last five years (if not provided).

The CSC agreed that clarifications from the following five consultant firms may be sought in writing. These clarifications are included in Appendix 7.


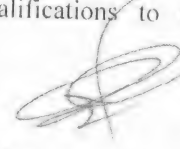
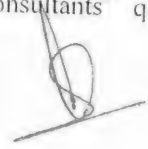



- i. M/s Typsa JV M/s Mott McDonald Pakistan
- ii. M/s Khatib & Alami JV M/s Osmani & Company (Pakistan) JV M/s Nama Consulting Engineers & Planners JV M/s Prof. Dr S.N. Pollalis Inc JV M/s Halcrow (Pakistan)
- iii. M/s SCE JV M/s Hill International JV M/s Logit JV M/s HHO JV M/s Exponent (Pakistan)
- iv. M/s Dar-al-Handasa in JV with M/s NESPAK (Pakistan)
- v. M/s Tümas Turkish Engineering Consulting & Contracting JV M/s Emay International Engineering & Consultancy JV M/s Rehman Habib Consultants (Pakistan)

In the fourth CSC meeting, held on 21<sup>st</sup> August 2020, the responses from the above-mentioned consultant firms in Appendix 7 were discussed and the CSC concluded that the response from the following four (04) consultant firms satisfies the evaluation criteria and hence may be shortlisted:

- 
- i. M/s Typsa JV M/s Mott McDonald Pakistan
  - ii. M/s Khatib & Alami JV M/s Osmani & Company (Pakistan) JV M/s Nama Consulting Engineers & Planners JV M/s Prof. Dr S.N. Pollalis Inc JV M/s Halcrow (Pakistan)
  - iii. M/s SCE JV M/s Hill International JV M/s Logit JV M/s HHO JV M/s Exponent (Pakistan)
  - iv. M/s Dar-al-Handasa in JV with M/s NESPAK (Pakistan)

## 5.1 EVALUATION CRITERIA

The CSC discussed the criteria for shortlisting, complying with the advertisement and the World Bank Procurement Regulations for IPF Borrowers (July 2016 – revised November 2017 and August 2018). It was agreed that the following information will be used as the main criteria to demonstrate the responsiveness of the consultants' qualifications to the assignment requirements and for shortlisting:





NO.	CRITERIA
1.	<u>Track Record:</u> Firm's corporate capacity and profile for minimum of last 15 years [core business areas, policies, vision & mission, experience in urban transport and mass transit projects, financial details, achievements]. The consultants must never have been black-listed by any client or have left any project incomplete.
2.1	<u>General Technical Experience:</u> Proven general experience of providing the consulting Services in infrastructure development projects during the past 15 years. The consultants should be able to demonstrate the successful completion of at least 6 projects – each worth minimum of US\$ 200 million or above.
2.2	<u>Specific Technical Experience:</u> Proven specific experience of providing the consulting Services on projects of similar nature comparing the complexity and cost of the Project. The consultants should have successfully completed minimum of 4 projects of specific experience each worth minimum of US\$ 250 million or above, undertaken in last 10 years. The consultants are required to provide an evidence (project description, client's details, completion certificate, role of the consultant on the presented project including worth & duration of the services provided, any specific innovative practice adopted to meet the project objectives, etc.) to demonstrate their general and specific experience. The projects of similar scale, nature and complexity undertaken in Pakistan or South Asian region may be given priority if deemed appropriate.
3.	<u>Overall Managerial Capacity &amp; Financial Strength:</u> Consultants are required to demonstrate strong technical and managerial staff employed by them and evidence of positive net-worth to be substantiated by submitting certified audit reports of last five years.

The CSC unanimously agreed that a consultant firm *not* fulfilling the criteria of *General* and *Specific technical experience* (number of projects, minimum cost of the project) and that of *Financial Strength* (positive net-worth in last five years) will *not* be shortlisted.

The financial strength of *only* those consultant firm has been examined which fulfilled the technical criteria and provided sufficient general and specific experience of the projects as mentioned in the REOI criteria.

## 5.2 EVALUATION OF CONSULTANTS

Overall findings, as a result of detailed evaluation, for each consultant that submitted an EoI are summarized in the following sections.

### EoI-1: BOTEK BOSPHORUS / MEGA ENGINEERING

#### *Botek Bosphorus*

**Core business:** consulting engineering in monitoring major projects for quality and cost control, scheduling, design and supervision in the fields of motorways, railways, bridges, tunnels, environmental engineering, residential buildings, industrial facilities (motorways, highways, bridges, tunnels, housing and residential development, high speed railways, metro, LRT, hospitals and health facilities, commercial and industrial buildings, water and wastewater systems, rapid transit systems, lighting and emergency communications)

**Years in business:** Established in 1975 (45 years)



History of blacklisting: Not provided

**General technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	Design and supervision of the construction of Batinah Expressway-Khatmat Malaha to UAE Border section III, km 135+000	Oman	2009-2019	1,200	in operation
2	Construction supervision and engineering consulting services for TEM Ankara-Pozanti motorway Çiftelhan-Pozanti section	Turkey	2000-2015	430	completed, in operation
3	Survey and design consultancy services for Yusufeli Dam access roads	Turkey	2012-2016	1,000	completed
4	Mama-Jalka interchange, Hareer-Rawandoz-Jundian highway design services, tunnel and bridge design	Iraq	2011-2012	450	completed
5	Design and supervision consultant Central Java Province Dsc-2 Regional Road Development Project	Indonesia	2015-2018	600	completed
6	Preliminary & final design of Erbil Koya highway	Iraq	2010-2011	200	design completed, partially in operation
7	Supervision consultancy services of several projects in the region of General Directorate of Highways 3 <sup>rd</sup> Division	Konya, Turkey	2013-2016	600	completed
8	Construction supervision and consultancy of various roads between Ankara-Bolu and Düzce	Turkey	2012-2015	600	completed
9	Detailed design for Haliç-Unkapani-Karayolu roadtube project	Turkey	2017	650	completed

**Specific technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
01	BRT II: Consultancy services for design review and construction supervision of second phase of the Dar Es Salaam BRT system Lot 1: Road works (20.3 km) including two fly overs and bus stations along the road	Dar Es Salaam, Tanzania	2017-to now	200	scheduled completion in 2021
02	Preliminary and final project services for Vezneciler-Edirnekapi-Eyüp-Gop-Sultangazi metro line	Istanbul, Turkey	2017	850	completed

**Technical and managerial capacity:** over 350 employees, about 80 closely related to the assignment in various engineering fields (civil, geotechnical, architectural, mechanical, electrical, surveying, environmental, etc.)

### *Mega Engineering*

**Core business:** engineering and consulting firm providing engineering, design, construction supervision and project management services for a wide variety of transportation projects involving highways, railway systems, highway and railway structures such as bridges, viaducts, tunnels, overpasses, underpasses, culverts, grade separated interchanges, intersections/ junctions, service buildings, housing, healthcare, educational and recreational facilities

**Years in business:** Established in 1993 (27 years)

**History of Blacklisting:** N/A

**General technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	Supervision consultancy services of several projects in the region of General Directorate of Highways 3 <sup>rd</sup> Division	Konya, Turkey	2013-2016	600	completed
2	North Marmara motorway project, design of Kurtkoy-Akyazi section (sections 4 and 6, including linking roads)	Turkey	2016-2019	14.500	unknown
3	Construction supervision and consultancy services for construction of Ankara-Polath, Ankara-Kulu junction, Ankara-Çankırı, Kazan-K.Hamam-Gerede, Y.Kent-Ayaş-Beypazarı, (Elmadağ-K.Kale) junction-Kalecik, Bahşili-Karakeçili-Kulu junction, Gerede-Y.çağda-Bolu, Bolu-Kırıbrıcık, Göynük-Mudurnu, A.Koca-1 <sup>st</sup> Region border, Düzce-Yığılca, and Bolu-Mudurnu roads within Regional Directorate 4	Turkey	2012-2016	600	completed

**Specific technical experience:** no specific experience

**Technical and managerial capacity:** over 260 employees, most of the staff experienced in supervision

**Conclusion:** NOT ACCEPTABLE – The consultant firm has provided satisfactory experience in general infrastructure projects of required value, covering design and construction supervision services, however they do not possess sufficient specific experience of projects (only one project qualifies) as per the REOI criteria

### 5.2.1 Eol-2: Dar Al-Handasah / NESPAK

#### *Dar Al-Handasah*

**Core business:** Consulting organization in engineering, architecture, planning, environment, project and construction management (planning and urban design, architecture, transport planning and transportation engineering, bridges and special structures, structures, geotechnical engineering and tunneling, ports and marine works, resources and environment, power and electrical engineering, telecommunications, mechanical engineering and industry, landscape





architecture, GIS and remote sensing, economics, project and construction management, services

**Years in business:** Established in 1956 (64 years)

**History of blacklisting:** Never. Affidavit provided. (in response to the clarifications)

**General technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	Princess Nora Bint Abdulrahman University, building and infrastructure works, automated people mover system, and supervision of construction works (master plan, detailed design, tender documents, tender management, supervision)	Saudi Arabia	2008-2014	10,250	completed
2	Facilities and infrastructure works at Dubai world central (design, supervision)	Dubai, United Arab Emirates	2008-2018	3,850	completed
3	Autoroute Est-Quest-East, Lot: (Pre-construction services, detailed design levelling, execution drawings and local component)	Algeria	2006-2012	3,500	completed services
4	Sheikh Jaber Al-Ahmad Al-Sabah causeway project - Subiyah main link and Doha link (design review, project management, supervision, environmental impact assessment)	Kuwait	2013-2018	3,150	completed, in operation
5	Al Zorah development infrastructure (concept design, detailed design, preliminary design, tender documents, supervision)	Ajman, United Arab Emirates	2008-2017	1,735	completed, in operation
6	N'zeto-Soyo Highway Package 7 (cost benefit analysis, topographic surveys, detailed design, tender documents, supervision)	Angola	2007-2018	462	completed, in operation
7	Cazenga infrastructure (detailed design, tender documents, supervision)	Angola	2011-2017	900	completed, in operation
8	North Bahrain New Town, design of roads, bridges, utilities, and landscape and quay wall works (master plan, geotechnical investigations, concept design, preliminary design, detailed design, traffic study, value engineering, risk management, environmental impact assessment)	Bahrain	2007-2008	851	completed services
9	The Pearl, design amendments to infrastructure and landscaping works (design review, design update, tender documents, traffic modelling, supervision)	Qatar	2005-2011	7000	completed, in operation
10	Detailed design for North Road (geotechnical investigations, hydrological survey, topographic surveys, design, tender documents, traffic study, supervision, environmental impact assessment)	Kuwait	2003-2015	800	completed, in operation



No.	Project title	Location	Year	Project value [USD M]	Status
11	Study of Alternatives proposed to link Assir region with Jazan and the Detailed Design of the preferred alternative (detail design and tender documents)	KSA	2011-12	1400	completed, in operation
etc., in total 24 projects (16 completed) equal or larger than USD 200 million in urban transport infrastructure (design, procurement assistance, supervision) and more than 20 other infrastructure projects equal or larger than USD 200 million					

**Specific technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	Riyadh Light Rail Transit (procurement support)	KSA	2004-2006 (phase 1) and 2008 (phase 2)	4500	completed
2	Mashaeer Railway (construction supervision)	KSA	2009 - ongoing	1773	On-going
3	Project management for Riyadh transit system (project management, supervision)	Riyadh, Saudi Arabia	2014-to now	1,350	on going
4	Streetscape and station design for Riyadh BRT network (technical specifications, detailed design, bill of quantities)	Riyadh, Saudi Arabia	2013-2014	1,432	completed services
5	Princess Nora Bint Abdulrahman University Campus transit system (master plan, geotechnical investigations, design, tender documents, construction documents, supervision)	Saudi Arabia	2008-2011	800	completed

**Technical and managerial capacity:** 9,250 employees, including 6,300 engineers, architects, town planners, environmentalists, economists, finance, marketing and management specialists, quantity surveyors (experienced in various phases of project development and implementation); technical management of 300 directors and managers

**Financial soundness:** Financially sound. Fulfills the REOI criteria according to the information provided.

**NESPAK**

**Core business:** Consulting engineering services (energy, water and agricultural development, dam engineering, highways and transportation, architecture and planning, environmental and public health engineering, oil, gas and industrial sector, information technology and GIS)

**Years in business:** Established in 1973 (47 years)

**History of blacklisting:** Never. Affidavit provided.







**General technical experience:**

No.	Project title	Location	Year	Project value [USD million]	Status
1	Lahore ring road, Kamahan to Adda port (feasibility study, project planning, detailed design, tender documents, construction supervision)	Pakistan	2005-2018	757	completed, in operation
2	Upgrade and widening of Surab-Basima-Nag-Panjgure-Hoshab section of N-85 (detailed design, construction supervision)	Pakistan	2007-2016	320	completed, in operation
3	Karachi-Hyderabad motorway (design review, construction supervision)	Pakistan	2015-2020	370	completed
4	Sialkot-Lahore motorway (feasibility study, project planning, detailed design, tender documents, construction supervision)	Pakistan	2007-2009	412	completed
5	Sheikh Rasheed expressway and flood channel project (detailed design, tender documents, construction supervision)	Pakistan	2007-2010	247	completed
6	Islamabad-Murree dual carriageway (detailed design, tender documents, construction supervision)	Pakistan	1999-2012	246	completed
7	Havelin-Thakot section (design review, tender documents, construction supervision)	Pakistan	2016-2020	1,276	completed
8	Quetta water supply and environmental improvement project (project planning, detailed design, tender documents, construction supervision)	Pakistan	2004-2017	287	completed
9	Improvement of Karakoram highway from Raikot to Khunjab Pass (design review, construction supervision)	Pakistan	2009-2014	571	completed
10	Hakla-Dera Ismail Khan road package, section Hakla-Yarak (design review, construction supervision)	Pakistan	2015-2016	1,169	completed
etc., in total more than 50 other infrastructure projects equal or larger than USD 200 million					

**Specific technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	Detailed Design & Construction Supervision of Metro Bus System for Rawalpindi and Islamabad (detailed design, tender documents, construction supervision)	Islamabad, Pakistan	2014-2015	445	completed services, in operation
2	Construction Supervision of Lahore Metro Bus System (Ferozepur Road Corridor) from Gujju Matta to Shahdara (detailed design, tender documents, construction supervision)	Lahore, Pakistan	2012-2013	304	completed, in operation

No.	Project title	Location	Year	Project value [USD M]	Status
3	Detail Design and Construction Supervision of Orange Line Metro Train System, Lahore (detailed design and construction supervision)	Lahore, Pakistan	2015-2020	1626	Operations to be started, test run completed

**Technical and managerial capacity:** over 4,600 employees (civil, structural, transportation, mechanical, electrical, telecommunication, environmental, contract management, town planners, architects, interior designers, economists and sociologists); direct experience in public transport solutions in Pakistan

**Financial soundness:** Financially sound. Fulfills the REOI criteria according to the information provided.

**Conclusion:** ACCEPTABLE – The consultant firm has provided satisfactory experience of providing the services as required in the EOI criteria, in general and specific projects of required value. The experience covers urban mass transit systems, as well as direct experience in BRT developments in Pakistan. Experienced pool of staff (design, tender documents, supervision, contract management) demonstrated is sufficient to deliver the assignment.

### 5.2.2 EoI-3: Eser / Techno Consult / MEG

#### **ESER**

**Core business:** Consulting engineering services in motorways and highways, airports, marine structures, high speed railways, light rail systems, buildings and special structures, water supply and wastewater, oil storage and distribution, gas distribution and metering, energy production

**Years in business:** Established in 1968 (52 years)

**History of blacklisting:** Never. Undertaking provided.

#### **General technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	Irmak-Karabuk-Zongulak Railway line Rehabilitation (design review, construction supervision, commissioning, start-up inspections, project management)	Turkey	-	-	-
2	Kemalpasa-Torbali and Alsancak Harbor Connection Railway (detailed design, tender documentation)	Turkey	-	-	-
3	Ankara-Sivas High Speed Railways (detailed design, tender documentation)	Turkey	2006-2008	-	completed services
4	Erzincan-Erzurum-Kars High Speed Railways (detailed design, tender documentation)	Turkey	2006-2008	-	completed services
5	Tatvan-Van, Corum-Amasya and Komurler-Osmaniye High Speed Railways (detailed design, tender documentation)	Turkey	-	-	-
6	Corum Amasya High Speed Railway (detailed design, tender documentation)	Turkey	-	-	-
7	Komurler Osmaniye High Speed Railway (Detailed Design, Tender Documentation)	Turkey	-	-	-

No.	Project title	Location	Year	Project value [USD M]	Status
8	Izmir Ege University-Bornova Center metro line (Tender documentation, Construction Supervision)	Izmir, Turkey	-	-	-
9	Istanbul Beyogly-Karakoy funicular tunnel modernization (Detailed Design, Tender Documentation)	Istanbul, Turkey	-	-	-
10	Van, Hakkari, Mus, Bitlis provinces state highways, Antalya-Alanya section 4 state highway (construction supervision, construction management, commissioning, start-up inspections)	Turkey	-	-	-
11	Ankara West exit Eskisehir highway widening, Bergama-Akhisar, Kayseri-Kirsehir, Elazig-Maden, Carsibas-Arakli, Adapazari-Kandira, Usak-Afyon, Havsa-Kesan, Kesan-Gelibolu (detailed design)	Turkey	-	-	-
12	Kayseri LRT system, Phase 1 (detailed design, tender documentation, construction supervision, commissioning)	Kayseri, Turkey	-	-	-
13	Kayseri LRT system, Phases 2 and 3 (detailed design, tender documentation, construction supervision, commissioning)	Kayseri, Turkey	-	-	-
14	Istanbul-Izmir motorway, Manisa-Izmir section, Mersin 2 <sup>nd</sup> Peripheral highway and junctions (detailed design, tender documents)	Turkey	-	-	-
15	Bolu city renewal of roads (construction supervision)	Turkey	-	-	-

etc., including references in Airfield facilities (14), Marine structures (13), Oil storage and distribution (14), Water supply and Wastewater (12), Energy (9)

#### Specific technical experience:

No.	Project title	Location	Year	Project value [USD M]	Status
1	"Survey, Design & Engineering Services for Ankara – Sivas Railway" (detail design) – Inter City Railway project	Turkey	2004-2006	-	completed, in operation
2	"Survey, Design & Engineering Services for the construction of railway Sivas-Erzincan-Kars Section II (Erzincan-Erzurum) (detailed design) --- Inter City Railway project	Turkey	2006-2008	-	completed, in operation
3	Izmir LRT system, Phase 3 – Section 1 (construction supervision)	Izmir, Turkey	2007-2011	-	completed, in operation
4	Preparation of Application design and Feasibility study for the Rail Transit System Phase II (Mimar Sinan Intersection – Beyazehir Idem, 2010/39798) (application design, bidding documents)	Turkey	2010	-	completed, in operation



**Technical and managerial capacity:** good company managerial capacity: no presentation of technical capacity

### TECHNO CONSULT

**Core business:** Consulting engineering in marine, ports and harbors, roads, highway and transportation, water resources, dams and hydropower, topographic mapping and surveying, bathymetric and hydraulic survey, water supply, sewerage and environment, architecture and planning, vertical structures, soil, foundation and geotechnical engineering, electrical and mechanical engineering, construction management and supervision

**Years in business:** Established in 1961 (49 years)

**History of blacklisting:** Never. Affidavit provided

**General technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	Construction of Ring Road Faisalabad (detailed design)	Faisalabad, Pakistan	2009-2011	250	completed services
2	Duqm new port and dry dock complex (construction supervision)	Duqm, Oman	2008-2012	1,400	completed, in operation
3	Upgrade of Karachi-Hyderabad super highway to 6-lane motorway (construction supervision)	Karachi, Pakistan	2015-2020	376	substantial completion
4	Detailed design and construction supervision of Greater Karachi sewerage plan	Karachi, Pakistan	2008-to now	344	ongoing construction
5	Nai Gaj dam (design review, tender documents, construction supervision)	Dadu district, Pakistan	2012-to now	320	ongoing construction
6	LNG terminal at Chhan Waddo creek, Port Qasim (engineering design)	Krachi, Pakistan	2007	200	completed services

**Specific technical experience:** no specific experience

**Technical and managerial capacity:** good company managerial capacity: over 450 employees; good pool of technical staff

### MEG

**Core business:** Program and construction management services (performance venues, cutting-edge office towers, luxurious hotel and gaming facilities, meeting and exhibition spaces, primary and higher education spaces, mass transit terminals and data centers)

**Years in business:** - not mentioned

**History of blacklisting:** N/A

**General technical experience:** no presentation of reference projects

**Specific technical experience:** no presentation of reference projects

**Technical and managerial capacity:** good company managerial capacity: no presentation of technical capacity



**Conclusion: NOT ACCEPTABLE**

The consultant firm has provided satisfactory experience in general infrastructure projects of required value, covering design and construction supervision services, however they do not possess sufficient specific experience of projects (only two project qualifies) as per the REOI criteria.

The CSC agreed that the inter-city rail projects will not be considered as specific experience similar to the nature and complexity of the Karachi Mobility Project. In this case, two projects provided as specific experience pertains to the inter-city railway and hence have not been considered in compliance with the REOI criteria.

**5.2.3 EoI-4: ITALConsult**

**Core business:** Consulting engineering in design of civil and industrial works, supervision and safety coordination, project and construction management, verification of projects, planning and provision of integrated engineering services (transport infrastructure, hospital and healthcare, masterplan, hydraulic and sanitary, environment, planning and building, airports, ports, community facilities, energy and oil and gas)

**Years in business:** Established in 1957 (53 years)

**History of blacklisting:** N/A

**General technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	Detailed design for construction of the highway A31 Trento-Rovigo, section Trento-Valdastico-Piovene Rocchette	Italy	2011	2,461	completed services
2	Doubling and upgrading of national road 640 Agrigento-Caltanissetta (design, construction supervision)	Italy	2002-2018	1,525	completed services
3	Preliminary and final design of 3 <sup>rd</sup> Mega-Lot of NR 106 Jonica, from the interchange to RN 534 (Km 365+150) to Roseto Capo Spulico (detail design)	Italy	2012-2013	901	completed services
4	Construction of Catania-Siracusa Highway (construction supervision)	Italy	2005-2016	969	completed services
5	Modernization in the new alignment of SS 106 Jonica in the section Palizzi (km 50+000)-Caulonia (Km 123+800) VI-VII-VIII Lot: Sant'Ilario-Sv Marina di G. Jonica (DG 22/04) (construction supervision)	Italy	2007-2015	385	completed services
6	Detailed design and preparation of works documents for a road section between Repsi and Thirra of the Durres-Kalimash motorway	Albania	2006-2009	280	completed services
7	Construction of the "Megalot 2" of National Road 106 "Jonica" Section Squillace Interchange - Simeri Crichi Interchange and of the Extension of National Road 280 "Dei	Palermo, Italy	2007-2015	633	completed services

No.	Project title	Location	Year	Project value [USD M]	Status
	Due Mari from S. Sinato Interchange to Germaneto				
etc., in total more than 50 completed projects equal or larger than USD 200 million in transport infrastructure (design, procurement assistance, supervision)					

**Specific technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	Project and Construction management and technical assistance for the construction of three tram lines in Palermo (project & construction management)	Palermo, Italy	1999-2015	253	completed services
2	Venice-Mestre rubber-tired tram (Project coordination, Final design, construction supervision, final project for execution)	Venice, Italy	2004-2007	80	completed services

**Technical and managerial capacity:** specific details not presented

**Conclusion:** NOT ACCEPTABLE

The consultant firm's specific experience does not fulfill the REOI criteria (only one project qualifies) although their experience in general projects is worth-mentioning and satisfies the criteria as well.

**5.2.4 EoI-5: KAISER / APCO TEKNIC / SMEC / ZEERUK / LOYA / EGC**

**KAISER**

**Core business:** Consultancy, engineering, supervision and project management services for civil structure, infrastructure, transport, water resources and environment sector investments

**Years in business:** Established in 1997 (23 years)

**History of blacklisting:** Never. Undertaking provided

**General technical experience:** Significant experience in infrastructure projects, however without specific information on projects

**Specific technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	Rail system vehicles purchase and 3 <sup>rd</sup> phase LRT system supervision	Antalya, Turkey	-	-	-
2	Bursa Light Rail System 1 <sup>st</sup> phase (detailed design, tender documentation, construction supervision)	Bursa, Turkey	1997-2013	297	completed, in operation
3	Bursa Light Rail System 2 <sup>nd</sup> phase (overall project management, construction supervision)	Bursa, Turkey	2010-2012	-	completed, in operation

**Technical and managerial capacity:** average pool of staff (30 core experts in several fields)

**Financial soundness:** Negative net-worth in the year 2016. Therefore, the consultant firm has not been shortlisted.

#### **APCO TEKNİK**

**Core business:** Consultancy services in project management, technical consulting, technical evaluation and reporting, and construction period and support services and solutions

**History of blacklisting:** Never. Undertaking provided.

**General technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	Project monitoring, engineering and evaluation consultancy service related to the Istanbul new airport metro system	Istanbul, Turkey	2017-to now	3,000	ongoing
2	Procurement of monitoring and evaluation consultancy service regarding the construction works of Mersin Integrated Health Campus through PPP model (project management, construction supervision)	Turkey	2014-2017	-	completed, in operation
3	Procurement of monitoring and evaluation consultancy service regarding the construction works of Isparta Integrated Health Campus through PPP model (project management, construction supervision)	Turkey	2014-2017	-	completed, in operation
4	Procurement of monitoring and evaluation consultancy service regarding the construction works of Ankara Bilkent Integrated Health Campus through PPP model (project management, construction supervision)	Turkey	2012-2020	-	completed, in operation
5	Procurement of monitoring and evaluation consultancy service regarding the construction works of Bursa Integrated Health Campus through PPP model (project management, construction supervision)	Turkey	2012-2019	-	completed, in operation

**Specific technical experience:** no specific experience

**Technical and managerial capacity:** over 500 technical staff

#### **SMEC**

**Core business:** consultancy services for the lifecycle of a project to a broad range of sectors, including transport, water, environment, mining, oil and gas, geotechnics and tunnels, urban development, hydropower and energy, social development, and government and advisory services

**Years in business:** Established in 1949 (71 years)



**History of blacklisting:** removed from the list of debarred firms with conditional release to a sanction of conditional non-debarment effective September 27, 2018

**General technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	Northern expressway feasibility study	Sri Lanka	2012-2014	4.200	completed services
2	Colombo-Katunayake Expressway (Employer's representative for second construction contract)	Sri Lanka	2008-2015	292	completed, in operation
3	Xiaogan-Xiangfan Expressway (construction supervision)	China	2003-2006	-	completed, in operation
4	Pacific Highway upgrade Brunswick Heads to Yelgun (detailed design)	Australia	2005-2007	-	completed services
5	Guangxi Roads Development Project, Nanning to Youyiguan Expressway (construction supervision)	Australia	2003-2006	-	completed, in operation
6	Ipswich Motorway, Rocklea to Darra (detailed design)	Australia	2010-2011	-	completed services
7	Hailar-Manzhouli Expressway (construction supervision)	China	2005-2009	-	completed, in operation
8	Northern Road Connectivity Project (project implementation consultant, contract administration, construction supervision)	Sri Lanka	2011-2014	-	completed, in operation
9	Eastern Indonesia Region Transport Project (project management, design review, construction supervision)	Indonesia	2006-2011	-	completed, in operation
10	New Abu Dhabi-Dubai Main Road (project management consultant)	United Arab Emirates	2011-2012	-	completed, in operation
11	Westlink Motorway (M7) Sydney (detailed design)	Sydney, Australia	2002-2005	1,500	completed services
12	Islamabad-Peshawar motorway (construction supervision, contract administration)	Pakistan	1998-2007	600	completed, in operation
13	Hume highway (detailed design, construction supervision)	Australia	2007-2009	-	completed, in operation
14	Network improvement program (detailed designs, construction supervision, contract administration)	Vietnam	2005-2012	-	completed, in operation
15	Taraz-Korday road project (contract administration, construction supervision)	Kazakhstan	2009-2013	-	completed, in operation

**Specific technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	Procurement assistance and supervision of construction for Dar Es Salaam BRT infrastructure (detail design and construction supervision)	Dar Es Salaam, Tanzania	2009-2017	174	completed, in operation



No.	Project title	Location	Year	Project value [USD M]	Status
2	Greater Dhaka Sustainable Transport. Package 2. BRT system (detailed design, procurement, construction supervision)	Dhaka, Bangladesh	2013-2017	-	completed, in operation
3	City of Ekurhuleni Integrated Rapid Public Transport Network (Phase 1A and 1B) (detailed design, project management, contract administration, construction supervision)	Ekurhuleni, South Africa	2013-2016	207	completed, in operation
4	Tshwane Rapid Transport, BRT Trunk Route Line 2B (detailed design, contract documentation, procurement, construction supervision)	Tshwane, South Africa	2013-2016	-	completed, in operation
5	Rustenburg Rapid Transport, BRT Trunk Route A (detailed design, contract documentation, project management, procurement, construction supervision)	Rustenburg, South Africa	2011-2017	-	completed, in operation
6	BRT Electrical Installation (project management, design, commissioning)	Soweto, South Africa	2007-2011	-	completed, in operation

**Technical and managerial capacity:** over 5,500 employees (over 2,500 engineers)

### **ZEERUK**

**Core business:** Consulting services in transportation, energy and power, water resources, structures, geotechnical and geomorphology, mechanical, electrical and plumbing, architecture, urban and rural development, transaction advisory, project planning and construction management

**Years in business:** Established in 2002 (18 years)

**History of blacklisting:** Never. Affidavit provided.

#### **General technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	Karachi-Lahore Motorway, Section III Lahore-Abdul Hakeem (detailed design, construction supervision)	Pakistan	2016- to now	366	ongoing construction
2	Overlay and modernization of Islamabad-Lahore motorway (M-2) under (detailed design and construction supervision)	Pakistan	2014-2017	230	completed, in operation
3	Preliminary design and commercial feasibility study for construction of Rawalpindi flyover	Rawalpindi, Pakistan	2009	200	completed services

**Specific technical experience:** no specific experience

**Technical and managerial capacity:** pool of staff experienced only in design

### LOYA

**Core business:** Consulting engineering in survey and feasibility of civil engineering projects, structural design of high rise buildings, structures, industrial structures, power plants, special structures arenas, domes, large span roofs, high transmission towers, highways, urban mass transit structures, traffic engineering and city intersections, large span river bridges, urban flyovers, railways bridges

**Years in business:** Established in 1978 (42 years)

**History of blacklisting:** Never. Undertaking provided.

#### General technical experience:

No.	Project title	Location	Year	Project value [USD M]	Status
1	Detailed design and construction supervision for bridge over river Indus at Rojhan	Pakistan	2014-2016	-	completed, in operation
2	Additional bridges on Swat motorway (66 km to 69 km), Package 4B (detailed design)	Pakistan	2019	-	completed
3	Detailed design for flyovers, grade separated interchanges, bridges and underpasses for construction of ring road, Faisalabad	Faisalabad, Pakistan	2011	-	completed services
4	Bridge over river Indus connecting Jhirk-Mullah Katiyar (design review, construction supervision)	Pakistan	2012-2020	-	completed
5	Design review and supervision of widening/improvement of Bosan road in Multan	Pakistan	2011-2012	-	completed, in operation
6	Bridge over river Chenab between Shorkot and Garh Maharaja and its approach roads (detailed design, tender documentation)	Pakistan	2010	-	completed services
7	2-Lane bridge over river Indus at Khushal Garh (detailed design, tender documentation, construction supervision)	Pakistan	2011-2015	-	completed, in operation

**Specific technical experience:** no specific experience

**Technical and managerial capacity:** 75 employees: experienced pool of staff with good mixture of design and supervision experience

### EGC

**Core business:** consultancy services in planning, design, construction supervision and studies of multidimensional and multi sectoral projects relating to highways, bridges, water resources development, dams, irrigation and drainage, hydraulic structures, environment, agricultural development, forestry and resource conservation, public health engineering

**Years in business:** 33

**History of blacklisting:** N/A

**General technical experience:**



No.	Project title	Location	Year	Project value [USD M]	Status
1	Detailed design of grade separation for junction of M-2 link road with N-5 at Kala Shah Kaku and concept design of grade separation for junction of Gujranwala Bypass with N-5 at Chan Da Kila (design)	Punjab, Pakistan	2011-2012	-	completed services
2	Detailed design and quality assurance services for rehabilitation and reconstruction of National Highway (N-25) Kalat-Quetta-Chaman Road Project including 8 bridges	Pakistan	2014-2016	-	completed, in operation
3	Detailed design of roads and bridges for flood emergency reconstruction and resilience project in AJK	Pakistan	2016	-	completed services
4	Feasibility study, detailed design, tender documents and construction supervision for rehabilitation and reconstruction of earthquake damaged roads in Muzaffarabad-Chakhoti Road (C-17) including 3 major bridges of Jhelum Valley in Azad Jammu & Kashmir	Pakistan	2006-2014	-	completed, in operation
5	Flood Emergency Reconstruction Project, design and supervision for North package	Pakistan	2012-2016	-	completed, in operation
6	Feasibility study and detailed design, tender documents and construction supervision of provincial highways and rural access roads including 6 large bridges	Balochistan, Pakistan	2005-2010	-	completed, in operation
7	Feasibility Study, detailed design and construction supervision of Punjab Road Sector Development Project	Pakistan	2005-2010	-	completed, in operation
8	Detailed Design including allied activities for upgrade and improvement of 5 flyovers/bridges of N-5 including approach roads	Punjab, Pakistan	2008-2009	-	completed, in operation
9	Feasibility study and detailed engineering design and tender documents for 366 km Chaghcharan-Garden Dewall/Zarkharid section highway including over 15 bridges	Afghanistan	2009-2010	-	completed services
10	Design and construction supervision of New Khanki Barrage including access road and following bridges	Punjab, Pakistan	2013-2017	-	completed, in operation

**Specific technical experience:** no specific experience

**Technical and managerial capacity:** no specific information on staff capacity

**Conclusion:** NOT ACCEPTABLE –

The consultant firm has provided project experiences in general and specific categories though the cost of the projects is missing in some cases and two specific projects do not fulfill the cost criteria as mentioned in the REOI. The consultant firm do not fulfill the REOI criteria and the lead firm has a negative net-worth in the year 2016.



The CSC agreed that the consultant firm, specifically those whose projects are being considered, must meet the positive net-worth criteria as mentioned in the REOI.

#### 5.2.5 EoI-6: KHATIB & ALAMI / OSMANI / NAMA / PROF. POLLALIS CONSULTING / HALCROW

##### **KHATIB & ALAMI**

**Core business:** Consulting services in detailed design, construction supervision, project management for architecture, urban planning, transportation, environment, energy, water, oil and gas

**Years in business:** Established in 1964 (56 years)

**History of blacklisting:** Never.

##### **General technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	Latakia-Ariha motorway (design and construction supervision)	Greece	1999-2013	300	completed, in operation
2	South Dharan development (design)	Saudi Arabia	completed in 2015	286	completed services
3	Pan Arab highway, Hadath-Baalchmey section (studies and design)	Lebanon	completed in 2012	650	completed services
4	Extension of E1 and E12-E11 interchange (design)	United Arab Emirates	completed in 2013	200	completed services
5	Supervision for repair of the existing road leading to Oman borders	Saudi Arabia	completed in 2015	298	completed, in operation
6	Local Roads and Drainage Programme (design and supervision)	Qatar	2012-2018	4,650	completed, in operation
7	Bawabat Makkah neighborhood (detail design, construction supervision)	Makkah, Saudi Arabia	2013-2017	2,200	completed services
8	Sulaimaniyah roads (studies and detail design, construction supervision)	Iraq	completed in 2014	1,650	completed services
9	Hail/Tabuk direct road (studies, detail design & tender documents)	Saudi Arabia	completed in 2011	480	completed services

##### **Specific technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	LRT for Greater Cairo (construction supervision)	Egypt	To be completed in 2020	1,300	ongoing
2	City Rail Transit and New Capital Rail Transit Monorails, Cairo (technical consultancy, tender documentation)	Egypt	2019	4,000	Complete service
3	Metro Line 6 El-Khosos to El-Maady, Egypt (detail design, construction supervision)	Egypt	2018	4,000	Complete service
4	Transit master plan and BRT lines (feasibility studies)	Afghanistan	2017-to now	500	ongoing studies



No.	Project title	Location	Year	Project value [USD M]	Status
5	Greater Beirut BRT (feasibility study, concept design)	Lebanon	completed in 2017	290	completed services
6	Public Bus network (studies and design, tender documents)	Saudi Arabia	completed in 2015	70	completed services
7	Al Madinah Metro, Madinah, KSA (preliminary design, tender documents, procurement strategy)	Saudi Arabia	completed in 2015	2,000	completed services
8	Makkah Mass Rail Transit, KSA (design)	Saudi Arabia	Completed in 2015	8,000	completed services

Some projects have been included in specific experience which are inter-city rail projects and don't qualify in this case. Some projects of similar nature are included but scope of services is limited to feasibility, concept preparation and utilities design only which don't qualify REOI criteria either.

**Technical and managerial capacity:** good pool of managerial and technical staff

**Financial soundness:** financially stable, fulfills the REOI criteria

#### **OSMANI & COMPANY**

**Core business:** Consultancy services in planning, architecture, environment, mapping, industry, transportation, water, energy, information technology, management

**Years in business:** Established in 1960 (60 years)

**History of blacklisting:** Never. Undertaking provided

**General technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	Lahore Sialkot motorway (design review, construction supervision)	Pakistan	2017-2019	440	completed, in operation
2	SWAT expressway (supervision)	Pakistan	2017-2019	413	completed, in operation
3	Malir Expressway (preliminary design)	Pakistan	2014-2015	400	completed services
4	Design of DCK infrastructure works for Pakistani Defense Officers Housing Authority	Pakistan	2013-2016	365	completed services
5	Development of Hawksbay housing scheme (detailed design, bidding documents, supervision)	Pakistan	2008-2018	1,035	completed, in operation

**Specific technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	Multan BRT line 1 (planning, detail design and construction supervision)	Pakistan	2015-2017	287	completed, in operation
2	Faisalabad BRT line (feasibility study, transaction advisory, transport modelling, preliminary design, ITS)	Pakistan	2014	560	completed services
3	Karachi Blue line BRT (feasibility study, transaction advisory)	Pakistan	2016-2017	355	completed services

No.	Project title	Location	Year	Project value [USD M]	Status
4	Lahore Blue line Metro (Feasibility study, transaction advisory, transport modelling, preliminary design)	Pakistan	2015-2016	2,680	completed services

**Technical and managerial capacity:** good pool of managerial and technical staff.

**Financial soundness:** financially stable, although recording loss in 2019. Fulfills the REOI criteria.

***NAMA Consulting Engineers and Planners S.A.***

**Core business:** Consultancy services in surveying, mapping and scanning services, water and environment, highways and transportation, structural, geological, geotechnical, electrical, mechanical, energy, environmental studies

**Years in business:** 27

**History of blacklisting:** N/A

**General technical experience:** no specific details on reference projects

**Specific technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	Athens LRT (detail design)	Greece	2002-2008	216	completed services
2	Athens Metro Project (detail design (tunneling works included), procurement, monitoring)	Greece	2012-2018	600	completed services

Some projects have been included in the specific experience section wherein the scope of services offered don't qualify the REOI criteria example: transport master planning, feasibility study, traffic control etc.

**Technical and managerial capacity:** good pool of staff, experienced in design and studies

**Financial soundness:** Financially stable. Fulfills the REOI criteria.

***Prof. Pollalis Consulting***

**Core business:** individual consultant in the field of design, technology and management (urban planning, infrastructure)

**Years in business:** over 30 years of experience

**History of blacklisting:** N/A

**General technical experience:** no specific details on reference projects

**Specific technical experience:** no specific details on reference projects

**Technical and managerial capacity:** pool of experienced urban planners

**Financial soundness:** no specific details

### **HALCROW PAKISTAN**

**Core business:** Consulting services in program management, project management, geotechnical investigations, environmental assessments, health, safety and environmental monitoring, planning, feasibility and scoping studies, concept and detailed engineering designs, access roads and well site engineering, infrastructure for the oil and gas sector, construction management and supervision, energy, power, and electrical engineering solutions, quantity surveying and cost estimation, procurement and contracts support, community engagement, economic and financial analyses, institutional assessment, sustainability analysis, monitoring and evaluation, topographic, GIS, and other surveys (buildings, environment, transportation, water, urban development, cross-market services)

**Years in business:** Established in 1993 (27 years)

**History of blacklisting:** Never. Undertaking provided

**General technical experience:** no specific details on reference projects

**Specific technical experience:** no specific details on reference projects

**Technical and managerial capacity:** good pool of local staff experienced in design and supervision

**Financial soundness:** Financially stable. Fulfills the REOI criteria.

**Conclusion:** NOT ACCEPTABLE –

The consultant firm has provided satisfactory experience of providing the services as required in the EOI criteria, in general and specific projects of required value. The experience covers urban mass transit systems including BRT (one project delivered in Pakistan) and LRT, MRT projects. The experience and capacity demonstrated is sufficient to deliver the project.

### **5.2.6 EOI-7: KUNHWA / DONG IL**

#### ***KUNHWA Engineering & Consulting Co. Ltd***

**Core business:** Consulting services for road and highway engineering and transportation, tunnel and underground space development, water supply & sewerage, urban planning and regional development, environmental engineering, water resources development, railroad and subway, harbor and port development, mechanical and electrical plant, and construction management and supervision (design appraisal, constructability reviews, operations and maintenance planning, and construction inspection and supervision but also value engineering, safety audits and control, risk management, claim management and dispute resolution, institutional capacity building, on-site training and technology transfer)

**Years in business:** Established in 1990 (30 years)

**History of blacklisting:** not provided



**General technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	Construction supervision for the Sea Bridge construction connecting Busan and Geoje island	South Korea	2004-2011	1,268	completed, in operation
2	Construction supervision of Incheon Grand Bridge	South Korea	2005-2009	1,902	completed, in operation
3	Construction supervision for Expressway No. 600 (Busan Outer Ring Road) construction	South Korea	2002-2017	816	completed, in operation
4	Construction supervision for Busan New Port No. 2 back road construction	South Korea	2012-2017	304	completed, in operation
5	Construction supervision for Songdo Seaside Highway improvement	South Korea	2005-2010	273	completed, in operation
6	Construction supervision for Ungdong-Jangyoo national road improvement	South Korea	2006-2017	235	completed, in operation
7	Construction supervision for Guseongpo-Duchon road improvement and pavement work	South Korea	2000-2007	222	completed, in operation
8	Construction supervision for Yangsan-Dongmyeon, Wonri-Yeongpo (Jangseon-Taebong) road improvement and pavement work	South Korea	2002-2018	209	completed, in operation
9	Basic and detailed design for infrastructure development for Songdo 5 and 7 sections	South Korea	2007-2009	425	completed services
10	Construction supervision for Honam Express railway of the Roadbed section 4-3, 4-4, 5-1	South Korea	2009-2016	518	completed, in operation
11	Construction supervision for the roadbed construction of Daegok-Sosa double track railway	South Korea	2016-to now	271	ongoing construction
12	Construction supervision for airport railway and connecting facility improvement	South Korea	2011-2016	270	completed, in operation
13	Construction supervision for construction of Great Train Express (GTX) railway between Samsung and Dongtan, sections 2, 3	South Korea	2016-2021	244	ongoing construction

**Specific technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	Detailed engineering design and design construction supervision for Cebu BRT system	Cebu, Philippines	2015-to now	228	ongoing construction
2	Detailed design and construction supervision for Dar es Salaam BRT infrastructure Phase 4	Dar Es Salaam, Tanzania	2019-to now	200	ongoing implementation
3	Detailed Design for upgrade of the port access corridors and the Dar es Salaam BRT infrastructure Phase 5	Dar Es Salaam, Tanzania	2018-2019	200	completed services
4	Construction supervision for BRT System construction in Minrak 2 district land development	Gyeonggi, South Korea	2010-2014	70	completed, in operation
5	Construction supervision for Seoul-Hanam BRT pilot project	Gyeonggi, South Korea	2009-2011	16	completed, in operation



**Technical and managerial capacity:** over 1,100 employees, including over 1,030 design and supervision engineers; extensive experience infrastructure projects

### *Dong II*

**Core business:** Engineering services and consulting for railroads, subways and transit, public transport planning, bus rapid transit, intelligent transportation system, roads and bridges, structures, geotechnical and tunneling, urban planning, water supply and sewerage, water resources and rural development (end-to-end investigations, preliminary and general feasibility studies, master planning, basic and detailed designs, construction supervision and project management)

**Years in business:** 55

**History of blacklisting:** not provided

### **General technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	Basic and detailed design, and construction management for the highway construction between Sejong and Pocheon	South Korea	2017-2019	3,480	completed, in operation
2	Basic and detailed designs for Seoul-Sejong expressway Anseong-Guri construction (detailed design, tender documentation)	South Korea	2016-2017	556	completed services
3	Detailed design for the Gwangju-Wando (Gwangju-Gangjin) expressway construction (detailed design, tender documentation)	South Korea	2015-2016	1,530	completed services
4	Detailed design of Daegu Circular Expressway (detailed design, tender documentation)	South Korea	2012-2013	898	completed services
5	Detailed design for Hamyang-Ulsan Expressway (detailed design, tender documentation)	South Korea	2010-2013	5,960	completed services
6	Construction supervision for Expressway No. 600 Busan Outer Ring Road	South Korea	2012-2018	1,340	completed, in operation
7	Construction supervision for the Seoul-Chuncheon Expressway	South Korea	2004-2009	348	completed, in operation
8	Construction supervision for Daegu-Busan Highway construction project	South Korea	2001-2006	1,830	completed, in operation
9	Basic and detailed design of roadbed for Jungang double track railway	South Korea	2012-2014	285	completed services
10	Integrated construction supervision of roadbed for Seohae Line double track railway (Hongseong-Songsan)	South Korea	2015-2019	350	completed, in operation
etc., in total 14 projects equal or larger than USD 200 million in infrastructure (mixture of design and supervision services)					

### **Specific technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	Basic and detailed design of Jeju BRT	South Korea	2018		completed services

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No.	Project title	Location	Year	Project value [USD M]	Status
2	Feasibility study and detailed design for the BRT systems in Ho Chi Minh City	Vietnam	2010-2013	49	completed services

**Technical and managerial capacity:** over 590 employees, more than 400 engineers, extensive pool of experienced staff, particularly in supervision.

**Conclusion:** NOT ACCEPTABLE

The consultant firm's specific experience does not fulfill the REOI criteria although the projects mentioned in general experience are worthy and fulfill the EOI criteria.

The CSC agreed that the projects not meeting the criteria of minimum cost, as mentioned in the REOI, will not be considered qualified.

#### 5.2.7 Eol-8: Minconsult / EA consulting / CEC

##### MINCONSULT SDN BHD

**Core business:** Consulting services in airport development, bridge and marine works, building structures, computer aided engineering, drainage, irrigation and water resources, environmental and pollution control, engineering surveys, railway, highway and road engineering, hydroelectric power generation plants, infrastructural development, land reclamation and development, mechanical and electrical services, project planning and management, solid waste, sewerage and sanitary engineering, soils and geotechnical engineering, thermal power engineering, traffic and transportation studies, urban and regional planning studies, water supply and treatment, sports complexes, occupational health and safety, quality assurance (preliminary investigations, conceptual and economic analysis, financial and pre-investment studies, feasibility reports, preliminary and detail engineering designs and drawings, cost estimates, bidding documentation, procurement assistance, environmental impact assessments)

**Years in business:** Established in 1962 (58 years)

**History of blacklisting:** Never. Undertaking provided

#### General technical experience:

No.	Project title	Location	Year	Project value [USD M]	Status
1	High speed rail Kuala Lumpur-Singapore feasibility study, phase 1B	Kuala Lumpur, Malaysia	2012-2013	6,800	completed services
2	Southern corridor high speed rail Kuala Lumpur-Singapore, phase 2A (revision of preliminary design, cost estimate)	Kuala Lumpur, Malaysia	2014-2018	16,000	completed services
3	Sunway BRT (conceptual engineering, feasibility study, specifications for design-build contract)	Kuala Lumpur, Malaysia	2012	634	completed services
4	Sunway BRT guideway and halts, depot, park and ride, oxidation point (architectural design, topographic survey, road safety audit, specifications for design-build contract)	Kuala Lumpur, Malaysia	2013-2015	634	completed services

No.	Project title	Location	Year	Project value [USD M]	Status
5	Independent checking engineer of system work for Jakarta LRT project, corridor 1, phase 1 Kelapa Gading-Velodrome (design review)	Jakarta, Indonesia	2017-2018	800	completed services
6	Interface management consulting services for Jakarta LRT project, corridor 1, phase 1 Kelapa Gading-Velodrome (manage interface between civil and system works)	Jakarta, Indonesia	2016-2018	471	completed services
7	Inner city LRT (basic engineering design)	Jakarta, Indonesia	2015	1,800	completed services
8	Detailed design for Kelana Jaya LRT extension project	Kuala Lumpur, Malaysia	2008-2016	800	completed services
9	Detailed design for LRT project from Bandar Utama to Johan Setia	Kuala Lumpur, Malaysia	2016-2021	2,000	ongoing services
etc., in total 22 projects equal or larger than USD 200 million in infrastructure (studies, design)					

#### Specific technical experience:

No.	Project title	Location	Year	Project value [USD M]	Status
1	Sunway BRT (conceptual engineering, feasibility study, specifications for design-build contract)	Malaysia	2012	152	completed services
2	Sunway BRT guideway and halts, depot, park and ride, oxidation point (architectural design, topographic survey, road safety audit, specifications for design-build contract)	Malaysia	2013-2015	150	completed services
3	Independent checking engineer of system work for Jakarta LRT project, corridor 1, phase 1 Kelapa Gading-Velodrome (design review)	Indonesia	2017-2018	800	completed services
4	Interface management consulting services for Jakarta LRT project, corridor 1, phase 1 Kelapa Gading-Velodrome (manage interface between civil and system works)	Indonesia	2016-2018	471	completed services
5	Inner city LRT (basic engineering design)	Indonesia	2015	1,800	completed services
Some other projects are included in specific experience section but the scope of services provided do not satisfy the REOI criteria.					

**Technical and managerial capacity:** over 400 employees, more than 270 engineers

#### EA CONSULTING

**Core business:** Consulting services in architecture, structures, transportation, environmental and public health, infrastructure services development, HVAC and plumbing, irrigation and flood control, field surveys, urban and regional planning, electrical, agriculture, education planning, ports and harbors (master planning, survey and mapping, engineering and economic feasibility studies, market survey and research, engineering surveys, physical condition

surveys, socio-economic surveys, sub-surface investigations and testing, hydrological investigations, detailed engineering designs, AutoCAD and manual drawings, preparation of specifications, preparation of tender documentation, bill of quantities and cost estimates, construction supervision, quality control, contract administration, project management and scheduling, contracting, project monitoring and evaluation, troubleshooting during implementation, training services, performance evaluation)

**Years in business:** Established in 1981 (39 years)

**History of blacklisting:** Never. Declaration provided

**General technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	Design review and construction supervision of Islamabad-Peshawar motorway	Pakistan	2003-2007	294	completed, in operation
2	Design review services for flood emergency reconstruction project	Pakistan	2013-2015	248	completed services

List of various projects has been provided without specifying the cost of project, execution period and scope of work and other relevant information.

**Specific technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	Green line BRT (design and construction supervision)	Karachi, Pakistan	2015-2020	188	ongoing construction

**Technical and managerial capacity:** no specific details on staff capacity

**CEC**

**Core business:** Consulting services in roads, structures and bridges, project development, water resources, water supply and sewerage, environment, urban planning and land development, construction management and supervision (appraisal, pre-feasibility and feasibility, investigations, specialized services, design, construction supervision, post-construction services, tender and contract documentation)

**Years in business:** Established in 2009 (11 years)

**History of blacklisting:** Never. Declaration provided

**General technical experience:** most of the presented references are of low value as required in the REOI criteria

No.	Project title	Location	Year	Project value [USD M]	Status
1	Feasibility study and detailed engineering design of expressway from Chakdara to Mingora city	Pakistan	2016	200	completed services

**Specific technical experience:** no relevant specific experience

**Technical and managerial capacity:** good pool of staff experienced in design and supervision



**Conclusion: NOT ACCEPTABLE –**

The consultant firm's specific experience does not fulfill the REOI criteria (of both minimum cost and number of projects). The required information on general projects experience, is consistently missing from their EOI.

**EOI-9: Renardet / PEAS / ESS-I-AAR/ ECSP**

***RENARDET***

**Core business:** Consulting services in transport infrastructure (roads, railways, airports), urban and regional development, water supply and sanitation, environment, agriculture and rural development (preliminary and final designs, technical assistance and project management, supervision of construction works and plant assembly, environmental and land-use planning studies, pre-investment studies and financial programs, general economic studies, technical and economic feasibility studies, architecture and structural design, maintenance programs, advisory services to public and private bodies, electronic data-processing services, human resources development and training, assistance to clients for contractor claim evaluation)

**Years in business:** Established in 1976 (44 years)

**History of blacklisting:** Not submitted

**General technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	Highlands road maintenance and upgrading (detailed design, construction supervision)	Papua New Guinea	2007-2017	420	completed, in operation
2	Value engineering, detailed design and project management consultancy services for South Luzon tollway project (design, procurement assistance, construction supervision)	Philippines	2000-2011	400	completed, in operation
3	Highlands road improvement investment program (construction supervision)	Papua New Guinea	2012-2015	365	completed, in operation
4	National highway corridor, sector I, East-West corridor (construction supervision)	India	2005-2014	345	completed, in operation
5	Construction supervision of widening Faisalabad-Khanewal motorway	Pakistan	2010-2019	325	completed, in operation
6	Regional design and supervision consultant for second Eastern Indonesia region transport project	Indonesia	2006-2011	296	completed, in operation
7	Detailed engineering design of Agno and Bued viaducts of Tarlac-Pangasinan-LA Union expressway	Philippines	2012-2017	280	completed, in operation
8	Project management and construction supervision of metro Manila Skyway, stage 3	Manila, Philippines	2014-to now	220	ongoing construction

No.	Project title	Location	Year	Project value [USD M]	Status
9	Road rehabilitation 2 project (design, construction supervision)	Sumatra and Kalimantan, Indonesia	2009-2010	216	completed, in operation

**Specific technical experience:** no relevant specific experience

**Technical and managerial capacity:** over 450 employees with various engineering background, staff mostly experienced in supervision services

#### **PEAS**

**Core business:** Consulting services in design, design review, construction supervision, capacity building in the transport sector, project implementation, project management and impact studies on a multitude of roadway facilities ranging from motorways to highways

**Years in business:** not provided

**History of blacklisting:** Never. Declaration provided

**General technical experience:** All reference projects valued less than USD 200 million

**Specific technical experience:** No relevant specific experience

**Technical and managerial capacity:** Average pool of staff in road engineering field, mostly experienced in supervision

#### **ESS-I-AAR**

**Core business:** Consulting and developing advisory services in planning, architecture designing, construction management, environmental engineering, geotechnical engineering, structural engineering, transportation engineering, urban planning, water resources and hydraulics engineering

**Years in business:** Established in 1958 (62 years)

**History of blacklisting:** Never. Declaration provided.

**General technical experience:** Experienced in architectural projects (buildings, mostly public), however all reference projects valued less than USD 200 million

**Specific technical experience:** No relevant specific experience

**Technical and managerial capacity:** Good pool of staff experienced in design and supervision

#### **ECSP**

**Core business:** Consulting services in planning, design and construction supervision including highways and transportation, infrastructure and public health, structures, geotechnical, energy and renewables, hydropower and dams, environment and agriculture and contracts and procurement

**Years in business:** Established in 2011 (9 years)

**History of blacklisting:** Never. Affidavit provided.

**General technical experience:** Most of reference projects valued less than USD 200 million

No.	Project title	Location	Year	Project value [USD M]	Status
1	Elevated expressway along with BRT from Main Boulevard Gulberg Jail Road to Motorway, M-2 (preliminary design)	Pakistan	2014	206	completed services

**Specific technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	Construction supervision of BRT system along Ferozepur Road	Pakistan	2012-2013	19	completed, in operation
2	Construction supervision of BRT package 5, Rawalpindi-Islamabad	Pakistan	2014-2015	14	completed, in operation

**Technical and managerial capacity:** good pool of staff experienced in supervision

**Conclusion:** NOT ACCEPTABLE –

The consultant firm's specific experience does not fulfill the REOI criteria (only one project qualifies). The projects mentioned in general experience fulfill the criteria satisfactorily from only one partner while most of the presented reference projects are within roads sector and the local partners demonstrate the projects not satisfying the cost criteria of the REOI.

## 5.2.8 EoI-10: SCE / Hill International / Logit / HHO / Exponent

### SCE

**Core business:** Consulting services in urban planning and landscape, urban and transportation infrastructure, water and waste water infrastructure, environment (technical assistance, planning, audit and diagnostic, pilot and feasibility study, preliminary and detailed design, economic and financial analysis, regulatory procedure, safety, works supervision)

**Years in business:** Established in 1981 (32 years)

**History of blacklisting:** Never. Declaration provided

**General technical experience:** Extensive worldwide experience in infrastructure projects, however without presentation of details

**Specific technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	Preparation of a Pilot Project for a BRT system with dedicated bus lanes in Dakar and its investment program. (detail design, tender documents)	Senegal	2013-2017	300	Completed services
	Tram – Train link Nantes & Châteaubriant Design & Works supervision (detail design, project management)	France	2009-2014	208	Completed services
1	Extension of the rapid transit network (LRT and BRT) in Le Mans (preliminary and detailed	Le Mans, France	2010-2015	90	completed, in operation



No.	Project title	Location	Year	Project value [USD M]	Status
	designs, procurement assistance, project management, construction supervision)				
2	Creation of a BRT line between Bordeaux centre and Saint-Aubin-de-Medoc (preliminary and detailed designs, procurement assistance, construction supervision)	France	2016-to now	85	ongoing construction
3	Creation of BRT lines in the Greater Angouleme Area (preliminary and detailed designs, procurement assistance, construction supervision)	France	2014-2019	50	completed, in operation
4	BRT Development in Da Nang (contract management and construction supervision)	Vietnam	2014-2016	50	completed, in operation
5	Creation of a North/South BRT line in Rouen (detailed design, construction supervision)	France	2014-2018	50	completed, in operation
6	BRT Thonon-Geneva (detailed design)	France	2015-to now	25	completed services
etc. (another 3 BRT projects in France of lower value, including detailed design and supervision services)					

**Technical and managerial capacity:** over 400 employees, good pool of staff experienced in design and supervision

**Financial soundness:** financially stable, increasing turnover. Fulfills the REOI criteria.

#### *Hill International*

**Core business:** Consultancy services in buildings, transportation, environment, energy, industry (program management, project management, construction management, project management oversight, troubled project turnaround, staff augmentation, project controls, estimating, scheduling, project labor agreements, risk assessment, risk management, lender advisory services, management consulting)

**Years in business:** 40+

**History of blacklisting:** Never. Declaration provided.

**General technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	Consulting engineering services for expansion and modernization of Muscat International and Salalah airports (construction supervision, contract management and administration)	Oman	2013-2018	5,200	completed, in operation
2	Project management services for the Bahrain International airport, Southern passenger terminal and Airport city development (project management, procurement assistance)	Bahrain	2009-2012	1,200	completed, in operation
3	Project management and administration for modernization of Phoenix Sky Harbor International airport	USA	2013-2017	1,500	completed, in operation



No.	Project title	Location	Year	Project value [USD M]	Status
4	Project management services to Salt Lake City International airport	USA	2013-to now	1,800	ongoing implementation
5	Project management services for the Etihad Towers	Abu Dhabi, United Arab Emirates	2007-2012	900	completed, in operation
6	Project management and construction supervision services of Shams Abu Dhabi project	Abu Dhabi, United Arab Emirates	2006-2011	2,700	completed, in operation
7	Consultancy services to prepare the master plan along with design and construction services of City of Arabia leisure and entertainment complex	Dubai, United Arab Emirates	2005-2009	5,000	completed, in operation
8	Program management services to King Abdullah Financial District	Riyadh, Saudi Arabia	2007-2014	7,700	completed, in operation
9	Consultancy services for the preparation of master plan along with designing and construction services for development of Palm Jumeira	Dubai, United Arab Emirates	2000-2008	800	completed, in operation
10	Construction management services for the Route 202 Parkway project	USA	2009-2012	200	completed, in operation

**Specific technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	Metro Gold line rail Foothill extension (design, construction management)	USA	2009-2016	950	completed, in operation
2	Doha metro Green line (project management, surveillance of design-build contractor)	Doha, Qatar	2012-2016	2,500	completed, in operation
3	Number 7 subway line extension project (construction management)	New York, USA	2007-2015	2,420	completed, in operation

**Technical and managerial capacity:** above 2,600 employees, including about 1,500 employees in fields relevant to the assignment

**Financial soundness:** financially stable, slight decrease of turnover in the past three years. Fulfills the REOI criteria.

**Logit**

**Core business:** Consultancy services in airports, railroads, toll roads, ports, pipeline and urban mobility

**Years in business:** Established in 2003 (17 years)

**History of blacklisting:** Never. Declaration provided.

**General technical experience:** Extensive worldwide experience in infrastructure projects, however without presentation of details

**Specific technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	BRT conceptual and detailed designs of Initial Corridor	Dar Es Salaam, Tanzania	2005-2007	-	completed services
2	Guadalajara phase II BRT PPP (procurement documentation)		2010	-	completed services

including another 10 BRT projects in Pakistan (Karachi Red and Yellow lines, Peshawar), India (Chennai), Paraguay (Asunción), Mozambique (Maputo), South Africa (Cape Town, Johannesburg), Mexico (Guadalajara), Brazil (Rio de Janeiro TransOeste and TransBrasil), Egypt (Cairo), China (Jinan, Xian and Chengdu) at the conceptual design stage and operational plan

**Technical and managerial capacity:** good pool of staff experienced in design

**Financial soundness:** financially stable. Fulfills the REOI criteria.

#### HHO

**Core business:** consultancy services in transportation infrastructure (design, feasibility, supervision, construction and contract management)

**Years in business:** Established in late 1920's

**History of blacklisting:** Never. Declaration provided.

**General technical experience:** Experienced in infrastructure projects, mostly Southern Africa, however without presentation of details

**Specific technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	Atlantis corridor integrated rapid transit infrastructure project (phase 1a), including BRT (detailed design, construction supervision)	Cape Town, South Africa	2007-2015	110	completed, in operation
2	Go Durban - C3A BRT corridor (detailed design, construction supervision)	Durban, South Africa	2013-2017	89	completed, in operation

**Technical and managerial capacity:** good pool of staff experienced in design

**Financial soundness:** financially stable, slight decrease in turnover in past years, however profit rising. Fulfills the REOI criteria.

#### Exponent

**Core business:** Consulting services in planning, transportation, structural, telecom engineering, urban infrastructure, GIS development, marine engineering, industrial engineering, environmental planning, design and monitoring

**Years in business:** Established in 2001 (19 years)

**History of blacklisting:** Never. Affidavit provided.

**General technical experience:** Experienced in infrastructure projects, mostly local, however without presentation of details.

**Specific technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	Detailed design of BRT Blue Line	Pakistan	2014-2016	290	completed services
2	Third party design vetting and value engineering for BRT Green Line	Pakistan	2016-2017	153	completed services

**Technical and managerial capacity:** over 100 employees, good pool of staff experienced in design and supervision

**Financial soundness:** financially stable, decrease in turnover in the past year, Fulfills the REOI criteria.

**Conclusion:** ACCEPTABLE

The consultant firm has provided satisfactory experience of providing the services as required in the EOI criteria, in general and specific projects of required value. The experience covers urban mass transit systems including BRT and MRT besides extensive experience in infrastructure projects. The experience and capacity demonstrated, is sufficient to deliver the assignment.

#### 5.2.9 Eol-11: Tebodin

**Core business:** Consulting services in Infrastructure, master planning, architecture, building installations, building physics, civil and structural, electrical, energy, environmental technology, geodesy, mechanical, pipelines, piping, process, process control and instrumentation, telecommunications, transport (technical consulting, concept development, project planning, process engineering, basic and detail engineering, process automation, technology, project management, procurement, manufacturing, logistics, dispatch, quality, mechanical engineering/construction, plant commissioning)

**Years in business:** 75 years (Established in 1974 - 45 years Tebodin Middle East)

**History of blacklisting:** not submitted

**General technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	Design and supervision consultancy services of infrastructure facilities at Sector 21 in Madinat Zayed	United Arab Emirates	2018-to now	200	ongoing construction
2	Design of infrastructure for Al Khair development	United Arab Emirates	2017-to now	326	ongoing design
3	Supervision for extending Sheikh Zayed Bin Sultan Street at Umm Lafina Island to connect Al Reem Island	United Arab Emirates	2017-to now	272	ongoing construction
4	Construction supervision services for infrastructure works in Zayed City	United Arab Emirates	2017-to now	353	ongoing construction

No.	Project title	Location	Year	Project value [USD M]	Status
	(South spine) and enabling works in Zayed city (commercial district)				
5	Khalifa Port Industrial Zone, Area A- KP 4, 5, 6 & 8, phase I, 1A & 1B (design)	United Arab Emirates	2011-2016	300	completed, in operation
6	Consultancy services for New Road from Industrial City in Mussafah to Hameem Intersection at E11 (design)	United Arab Emirates	2012-2014	326	completed, in operation

**Specific technical experience:** No specific experience

**Technical and managerial capacity:** over 3,200 consultants and engineers employed, good pool of staff experienced in design and supervision

**Financial soundness:** financially stable, turnover decreasing for the past three years

**Conclusion:** NOT ACCEPTABLE

The consultant firm's specific experience does not fulfill the requirement as per the REOI criteria. No project details have been provided under specific experience.

#### 5.2.10 Eol-12: Tümas / Emav International / Rehman Habib

##### Tümas

**Core business:** Consulting services in buildings, environment and water, industry, petroleum, gas and energy, transportation, marine structures, urban development (planning and pre-design, design, implementation and post-implementation, tendering)

**Years in business:** Established in 1969 (51 years)

**History of blacklisting:** Not submitted

**General technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	Project coordination and implementation unit of Ankara-Istanbul high-speed train project (contract and project management)	Turkey	2008-2019	3,200	completed, in operation
2	Construction of 114 km railway displacement between Palu-Genc-Mus (project management, construction supervision)	Turkey	2016-2019	569	completed, in operation
3	Reconstruction of Sincan-Ankara-Kayaş railway line (project management, construction supervision)	Turkey	2016-2019	222	completed, in operation
4	Supervision and consultancy services within 15 <sup>th</sup> region of Directorate General of Highways (project management, construction supervision)	Turkey	2017-2020	-	completed, in operation

**Specific technical experience:** No specific experience



**Technical and managerial capacity:** Over 700 employees (more than 450 engineers in various expertise). proposed joint pool of staff experienced in design and supervision

*Emay International*

**Core business:** Consulting services in buildings, transportation, water and environment, architecture, project planning and preparation, project implementation

**Years in business:** Established in 1980 (40 years)

**History of blacklisting:** Not provided.

**General technical experience:** Only general information on reference projects provided without completion status and implementation years. Although some projects are relevant to the nature of the project but no relevant information was provided against the clarifications sought from the consultant firm. These projects have been included in the company profile but not under the section of specific experience.

No.	Project title	Location	Year	Project value [USD M]	Status
1	Metrobus (BRT) System, Istanbul (design, project management, construction supervision)	Turkey	-	250	Completed, in operation
2	Uskudar-Unraniye-Cekmekoy metro (design review, project management, construction supervision)	Turkey	-	916	-
3	Kabatas-Mahmutbey metro (design review, project management, construction supervision)	Turkey	-	1,500	-
4	Atakoy-Ikitelli metro (design review, project management, construction supervision)	Turkey	-	338	-
5	Dudullu-Bostanci metro (design review, project management, construction supervision)	Turkey	-	559	-
6	Carsamba-terme-Unye-Fatsa railway (feasibility study, preliminary and detailed design, tender documentation)	Turkey	-	740	-
7	Northern Marmara motorway (preliminary, final and as-built design, technical consultancy during construction)	Turkey	-	2,500	-
8	Gebze-Orhangazi-Izmir motorway (design review, project management, construction supervision)	Turkey	-	6,800	-
9	Bursa peripheral motorway (design review, construction supervision)	Bursa, Turkey	-	350	-
10	Izmir-Urla-Cesme motorway (project management, construction supervision)	Turkey	-	806	-
11	Izmir peripheral motorway and Aydin motorway (project management, construction supervision)	Izmir and Aydin, Turkey	-	1,632	-
12	Ovit tunnels at Ikizdere-Ispir highway (design review, project management, construction supervision)	Turkey	-	260	-
13	Dolmabahce-Dolapedere-Piyalepasa-Kagithane tunnels (preliminary, final and as-built design, technical consultancy during construction)	Turkey	-	200	-

**Specific technical experience:** Only general information on reference project provided without completion status and implementation years

No.	Project title	Location	Year	Project value [USD M]	Status
1	Otogar-Bagcilar-Ikitelli-Basakkontutlari metro (design review, project management, construction supervision)	Turkey	2008-2015	1,350	completed, in operation

**Technical and managerial capacity:** over 1,500 professional technical personnel, proposed joint pool of staff experienced in design and supervision

#### *Rehman Habib*

**Core business:** consultancy services in hydrology and water resources, architecture and structural engineering, transportation and traffic, project and contract management, environmental and public health, GIS and information technology (surveys and investigations, appraisals, pre-feasibility and feasibility studies, design, bidding documents, construction supervision and contract management, project management services, specialized services)

**Years in business:** Established in 2003, 17 years

**History of blacklisting:** Not provided

**General technical experience:** Design and Construction Supervision experience in low to average valued projects.

**Specific technical experience:** No specific experience

**Technical and managerial capacity:** No specific information on the staff capacity, proposed joint pool of staff experienced in design and supervision

#### **Conclusion:** NOT ACCEPTABLE

The consultant firm submitted their response to the clarifications sought wherein it was mentioned that the required documentary evidence of the projects, of specific experience, may not be provided since these projects are only included in the brief company presentation of M/s EMAY and not in the section of specific experience. Accordingly, the consultant firm's specific experience does not fulfill the requirement as per the REOI criteria.

#### **5.2.11 EoI-13: Typsa / MMP**

##### *Typsa*

**Core business:** Consulting services in transport, buildings, water, environment, energy and rural development (studies and planning, design, tendering support, construction services and infrastructure management)

**Years in business:** Established in 1966 (54 years)

**History of blacklisting:** Never. Declaration provided.

**General technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	Feasibility study of Santiago de Compostela LRT	Spain	2011-2013	250	completed services
2	Construction supervision for packages CTW 120, CTW 130 and 140 railway projects	Saudi Arabia	2013-2018	700	completed, in operation
3	Pre-investment study at the level of profile of the Nor Andino rail project of Peru Cajamarca-Bayóva	Peru	2009-2010	1,200	completed services
4	Stockholm metro, Kungsträdgården to Nacka and Gullmarsplan line (detailed design)	Sweden	2014-to now	1,500	services ongoing
5	Metro phase 1 underground tenders Qatar integrated railway project, package 2 & 4 (tendering support)	Qatar	2012-2013	1,100	completed services
6	Design and build tender phase - Riyadh metro project, 1, 6 lines double track metro system (design, tendering support)	Saudi Arabia	2012-2013	200	completed services
7	Riyadh metro project, package 3, lines 4, 5 and 6 (detailed design)	Saudi Arabia	2013-2017	23,500	completed services
8	Bhaupur-Khurja section of Eastern DFC railway project-1 (design review, contract management, supervision)	India	2013-2019	> 500	completed
9	Feasibility studies for package-3 (New Delhi-Kolkata) of diamond quadrilateral network of high speed rail corridors	India	2015-2016	> 500	completed services
10	Engineering design studies for the metro first line of Quito (detailed design)	Spain	2010-2012	530	completed services
11	Design and works supervision of the Lowari Railway Tunnel and access roads	Pakistan	2003-2008	7256	completed services

#### Specific technical experience:

No.	Project title	Location	Year	Project value [USD M]	Status
1	New transport system of Astana BRT, phase 1 (concept design for design-built contract)	Kazakhstan	2014	500	completed services
2	Transport planning study and detailed design of Abu Dhabi urban transport network, including 2 LRT and one BRT lines	United Arab Emirates	2010-2014	1,906	completed services
3	Engineering designs studies for the Metro First Line of Quito (overall supervision and project coordination)	Spain	2014	530	completed services

**Technical and managerial capacity:** over 2,500 permanent staff (more than 1,600 engineers, architects and consultants), extensive pool of staff experienced mostly in design and studies

**Financial soundness:** financially stable, although turnover decreases for 5 years. Fulfills the REOI criteria.



### MMP

**Core business:** consultancy services in power, water, environment, structures, industry, transportation, urban infrastructure, public health engineering, social development (feasibility studies, design, construction management and supervision, operation and maintenance, institutional building and training)

**Years in business:** Established in 1966 (34 years)

**History of blacklisting:** Never. Declaration provided.

#### General technical experience:

No.	Project title	Location	Year	Project value [USD M]	Status
1	Planning and detailed design of KPT Kolachi enclave development	Karachi, Pakistan	2006-2008	495	completed services
2	Project implementation consultancy services for Sindh water sector improvement project phase-1 (detailed design, tendering assistance, construction supervision, contract administration)	Pakistan	2009-2019	270	completed
3	Design review of main line-1 (Pakistan railways) and establishment of dry port near Havelian under China-Pakistan economic corridor (design review, bidding documentation)	Pakistan	2017-2020	9,170	completed services
4	Project management consultancy services for balance work of Islamabad international airport project	Pakistan	2015-to now	1,430	ongoing implementation
5	Design review and project management of 870 MW Suki Kinari hydropower project (design review, construction supervision, contract management)	Pakistan	2016-to now	627	ongoing

#### Specific technical experience:

No.	Project title	Location	Year	Project value [USD M]	Status
1	Peshawar sustainable BRT corridor project (detailed design, bidding documentation, project management, construction supervision)	Pakistan	2017-2020	640	construction ongoing
2	Detailed engineering design and procurement for Karachi BRT Redline project	Pakistan	2017-2020	397	ongoing

**Technical and managerial capacity:** over 1,300 employees, extensive pool of staff experienced in design, studies and supervision

**Financial soundness:** financially stable, turnover increases. Fulfills the REOI criteria.

#### Conclusion: ACCEPTABLE

The consultant firm has provided satisfactory experience of providing the services as required in the EOI criteria, in general and specific projects of required value. The experience covers urban mass transit systems including BRT (experience of two BRT projects in Pakistan) and MRT projects. The staff experience and capacity demonstrated is satisfactory and sufficient to deliver the project.



## 6 PROPOSED SHORTLIST

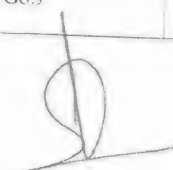
Based on the above described evaluation process, and considering the strengths and weaknesses of each consultant that submitted its EoI for provision of the Consulting Services on Preparation of Detailed Design, Procurement Assistance and Construction Supervision for Karachi Mobility Project ( Yellow BRT); the CSC proposes the following short list composed of **four** consultants (in alphabetical order):

No.	NAME OF CONSULTANT	LEAD FIRM – COUNTRY OF ORIGIN
1	Dar Al-Handasah Consultants (Shair and Partners) (lead partner) <b>JV</b> NESPAK - National Engineering Services Pakistan	Lebanon
2	M/s Khatib & Alami <b>JV</b> M/s Osmani & Company <b>JV</b> M/s Nama Consulting Engineers & Planners <b>JV</b> M/s Prof. Dr S.N. Pollalis Inc M/s Halcrow Pakistan	Lebanon
3	M/s SCE <b>JV</b> M/s Hill International <b>JV</b> M/s Logit <b>JV</b> M/s HHO <b>JV</b> M/s Exponent	France
4	M/s TYPASA <b>JV</b> M/s Mott McDonald Pakistan	Spain

Karachi, insert date

No.	Name of the Evaluation Committee member	Signature
1	Managing Director, SMTA	
2	Project Director (Project Management Team – BRT Yellow Line)	
3	Director Infrastructure / Projects, SMTA, GoS	
4	Chief Consultant, TMTD, GoS	
5	Director ITS, SMTA, GoS	
6	Director Finance & Accounts, SMTA, GoS	
7	Deputy Director (Procurement), SMTA, GoS	

No.	Name of the Evaluation Committee member	Signature
8	Chief Transport. (P&D Department, GoS)	
9	Director Finance, PPP Unit, Finance Department, GoS	









7 APPENDICES

7.1 REQUEST FOR EXPRESSION OF INTEREST


Khaleej Times (21<sup>st</sup> February 2020)







## REQUEST FOR EXPRESSION OF INTEREST



**Procurement of Consulting Services (Firm) for the Preparation of Detailed Design, Procurement Support and Construction Supervision Services**

**Name of Country:** Islamic Republic of Pakistan      **Name of Project:** Karachi Mobility Project - Yellow BRT

**Loan No.:** IBRD 8995-PK      **Reference No.:** PK-SMTA-122605-CS-QCBS

**Client:** Sindh Mass Transit Authority (SMTA), Government of Sindh

The Islamic Republic of Pakistan has received financing from the World Bank toward the cost of the Karachi Mobility Project - Yellow BRT (the Project), and intends to apply part of the proceeds for the consulting services for Preparation of Detailed Design, Procurement Support and Construction Supervision Services (the Services).

The Project corridor is approximately 2.1 km long, starting from Dabul Chowringh (near the intersection of the Karim Road, Shahrah-e-Faisal and Shahrah-e-Quaid) and is part of the overall Karachi Mass Transit System. The Project is also comprised of two bus stops and approximately 67 km of smaller off-corridor roads (direct and feeder routes) which will be improved as part of the Project. The Project follows the integrated corridor management approach with the overarching objective to improve mobility, accessibility and safety along its alignment.

The objectives of the required Services are:

1. To prepare Detailed Design along the Yellow BRT Corridor and the Off-corridors.
2. To prepare the bidding documents for construction contracts and to provide necessary procurement and technical assistance to the Client during the bidding processes.
3. To prepare Employer's Requirements and supervise works for a part of the project to be undertaken through Design-Build contract.
4. To provide Construction Supervision services.
5. To implement Building Information Modelling for constructing the assets of the project and using this model to support all stakeholders during the complete lifecycle of the project.

The estimated duration of the services is sixty (60) months from the contract signing (at the completion of the Defect Notification Period (DNP). The consultants would be required to field a multi-disciplinary team of professional and support staff with rich experience in projects of similar scale, nature and complexity. The consultants shall work with the Project Management Team of the Client's only on the above tasks.

The outlines of Terms of Reference for the Services may be found at <http://www.karachibreeze.pk/smta> under the section of Yellow BRT.

The SMTA now invites eligible and experienced consulting firms to submit their interest in providing the Services. Interested consulting firms are required to provide only the pertinent information demonstrating the required qualifications and skills along with relevant experience to perform the Services. The shortlisting criteria is as under:

NO	CRITERIA
1.	<b>Track Record:</b> Firm's corporate capacity and profile for minimum of last 15 years (core business areas, prices, vision & mission, experience in urban transport and mass transit projects, financial details, achievements). The consultants must never have been black-listed by any client or have left any project incomplete.
2.1	<b>General Technical Experience:</b> Proven general experience of providing the consulting Services in infrastructure development projects during the past 15 years. The consultants should be able to demonstrate the successful completion of at least 6 projects—each worth minimum of US\$ 200 million or above.
2.2	<b>Specific Technical Experience:</b> Proven specific experience of providing the consulting Services on projects of similar nature comparing the complexity and cost of the Project. The consultants should have successfully completed minimum of 4 projects of specific experience each worth minimum of US\$ 250 million or above, undertaken in last 10 years.  The consultants are required to provide evidence (project description, client's details, completion certificate, role of the consultant on the presented project including worth & duration of the services provided, any specific innovative practice adopted to meet the project objectives, etc.) to demonstrate their general and specific experience. The projects of similar scale, nature and complexity undertaken in Pakistan or South Asian region may be given priority if deemed appropriate.
3.	<b>Overall Managerial Capacity &amp; Financial Strength:</b> Consultants are required to demonstrate strong technical and managerial staff employed by them and evidence of positive net-worth to be substantiated by submitting certified audit reports of last five years.

The attention of the interested consultants is drawn to Section II - Governance; 3.14 (Conflict of Interest); 3.16 and 3.17 (Consulting Services) of the World Bank's Procurement Regulations for IPF Borrowers July 2016, revised November 2017 and August 2018.

Consultants may associate with other firms to enhance their qualifications, but should indicate clearly whether the association is in the form of a joint venture and/or a sub-consultancy. In the case of a joint venture, all the partners in the joint venture shall be jointly and severally liable for the entire contract. If selected, a consultant will be selected in accordance with the Quality and Cost Based Selection method set out in the above-mentioned World Bank's Procurement Regulations.


Further information may be obtained at the address below during office hours (09:00 – 17:00 hours).  
Expressions of Interest must be delivered, complete in all respects, to the address below in person or by courier by 17th March 2020.

**Sindh Mass Transit Authority, Transport & Mass Transit Department, Government of Sindh  
Director Projects / Infrastructure,  
House # 20, Street No. 9, Khayaban-e-Shamsheer, DHA, Karachi, Pakistan. Tel: 92-21-99332911  
E-mail: [info.infra.smta@gmail.com](mailto:info.infra.smta@gmail.com) and [director.infra.smta@gmail.com](mailto:director.infra.smta@gmail.com) Web: <http://www.karachibreeze.pk/SMTA>**


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INFORM No. 546/2020





## REQUEST FOR EXPRESSION OF INTEREST



**Procurement of Consulting Services (Firm) for the Preparation of Detailed Design, Procurement Support and Construction Supervision Services**

**Name of Country:** Islamic Republic of Pakistan      **Name of Project:** Karachi Mobility Project - Yellow BRT

**Loan No:** IFAD 0956 PK      **Reference No.:** PK-SMTA-122002-CS-QC35

**Client:** Sindh Mass Transit Authority (SMTA), Government of Sindh

The Islamic Republic of Pakistan has received financing from the World Bank toward the cost of the Karachi Mobility Project - Yellow BRT. The Project and its components are part of the proceeds for the consultancy services for Preparation of Detailed Design, Procurement Support and Construction Supervision Services (the Services).

The Project is 10.4 km long, starting from Clifton Chowring to Nambash, via Karachi Road, Shalimar, Feroz Khan Road, Chaudhary and a part of the Chaudhary Road. The Project is also composed of two bus routes and approximately 67 km of station off-construction. The Project will be implemented in two phases. The first phase will be the preparation of Detailed Design, Procurement Support and Construction Supervision Services. The second phase will be the construction of the project.

The objectives of the required Services are:

1. To prepare Detailed Design along the Yellow BRT Corridor and the Off-corridor.
2. To prepare the bidding documents for construction contracts and to provide necessary procurement and technical assistance to the Client during the bidding process.
3. To prepare Employer's Requirements and supervise works for a part of the project under the contract through Design-Build contract.
4. To provide Construction Supervision services.
5. To assist in the bidding and construction of the project.

The estimated duration of the services is six (6) months from the contract signing till the completion of the Detailed Design. The consultants will be required to have a minimum of 10 years of professional and successful experience in the preparation of Detailed Design, Procurement Support and Construction Supervision Services. The consultants shall work under the Project Management Team of the Client or carry out the same task.

The address of the Client is: Sindh Mass Transit Authority, Government of Sindh, Karachi, Pakistan. The address of the Client is: Sindh Mass Transit Authority, Government of Sindh, Karachi, Pakistan.

The SMTA now invites eligible and experienced consulting firms to submit their proposals for providing the Services. Interested consulting firms are required to provide only the pertinent information demonstrating the required qualifications and skills along with relevant experience to perform the Services. The following criteria are as under:

NO	CRITERIA
1	<b>Track Record</b> Firm's capacity capacity and profile for minimum of last 10 years (from business start, parties, nature & volume, experience in other transport and mass transit projects, Karachi details, references etc.). The consultants shall never have been black-listed by any client or have not in any project incomplete.
2.1	<b>General Technical Experience</b> Proven general experience of providing the consulting Services in infrastructure development projects during the past 10 years. The consultants should be able to demonstrate the successful completion of at least 5 projects each worth minimum of US\$ 200 million or above.
2.2	<b>Specific Technical Experience</b> Proven specific experience of providing the consulting Services in projects of similar nature concerning the complexity and cost of the Project. The consultants should have successfully completed minimum of 5 projects of specific experience each worth minimum of US\$ 200 million or above. The consultants are required to provide as evidence (project description, client's details, completion certificate, size of the consultant or the (pre-owned) project including work & duration of the services provided, any specific technical specification adopted for the project, etc.) to demonstrate their general and specific experience. The projects of similar scale, nature and complexity undertaken in Pakistan or South Asian region may be given priority if deemed appropriate.
3	<b>Overall Managerial Capacity &amp; Financial Strength</b> Consultants are required to demonstrate strong technical and managerial staff employed by them and evidence of positive net-worth to be substantiated by submitting certified audit reports of last five years.

The attention of the interested consultants is drawn to Section 18 - Governance; 3.14 (Conflict of interest); 3.15 and 3.17 (Consulting Services) of the World Bank's Procurement Regulations for IFAD Borrowers (July 2016), revised November 2017 and August 2018.

Consultants may associate with other firms to enhance their qualifications, but should include clearly whether the association is in the form of a joint venture and/or a sub-consultancy in the case of joint venture. All the partners in the joint venture shall be jointly and severally liable for the entire contract, if awarded. A consultant will be expected to comply with the Quality and Cost Based Selection method set out in the attached schedule World Bank's Procurement Regulations.

Further information may be obtained at the address below during office hours (09:00 - 17:00 hours).

Expressions of interest must be delivered, complete in all respects, to the address below in person or by courier by 17th March 2020.

**Sindh Mass Transit Authority, Transport & Mass Transit Department, Government of Sindh**  
Director Projects / Infrastructure  
House # 20, Street No. 3, Khayaban-e-Shamshad, DHA, Karachi, Pakistan. Tel: 52-31-99132911  
E-mail: [info.smta@gmail.com](mailto:info.smta@gmail.com) and [director.projects@smta.gov.pk](mailto:director.projects@smta.gov.pk) Web: <http://www.karachimobility.gov.pk>

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GOVERNMENT OF SINDH  
SINDH MASS TRANSIT AUTHORITY

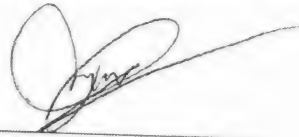
Dated: 19<sup>th</sup> June 2020

MINUTES OF 1<sup>ST</sup> CONSULTANT SELECTION COMMITTEE MEETING FOR  
KARACHI MOBILITY PROJECT YELLOW BRT.

Consultant Selection Committee meeting of Karachi Mobility Project Yellow BRT was held on 19<sup>th</sup> June 2020 at 11:30 am (Committee Room), Sindh Mass Transit Authority office No. 20, Street No. 9, Khayaban-e-Shamsheer, Phase-V, DHA, Karachi under the chairmanship of Managing Director, SMTA, List of participants is attached as (Annexure "A").

1. Managing Director, SMTA, GoS initiated the meeting by welcoming all the participants. Mr. Ashraf Lakho (Chief Consultant), TMTD attended the meeting, however due to Covid-19 smart lockdown Mr. Niaz Ali, (Director ITS) could not attend the meeting but he was online via Skype, Mr. Yousuf Munir, Director Infrastructure/ Projects had to attend meeting via skype but he informed that he is not feeling well because of Covid positive and he was on call with Managing Director, SMTA. Mr. Sikandar Ali Sheikh (Chief Transport) P&D Department could not attend the meeting on skype due to non-availability of light, Mr. Rafay Ali Laghari Director (Finance & Accounts) attended the meeting on skype, Mr. Muhammad Danish (Director Finance), PPP Unit, was supposed to attend the meeting via skype but he could not attend the meeting on skype.
2. It was informed that Expression of Interest (EOI) was invited in all leading newspapers on 19<sup>th</sup> February 2020, the last date for the submission of Expression of Interest was 17<sup>th</sup> March 2020, copy of advertisement is attached as (Annexure "B"), but due to outbreak of Covid-19 across the world and up on the request of bidders a corrigendum was issued to extend the last date of submission of Expression of Interest by 6<sup>th</sup> April 2020.
3. In response, thirteen (13) firms had submitted the Expression of Interest in hard and soft copy as well. List is attached as (Annexure "C"). Director Infrastructure/ Projects, SMTA have already shared soft copy of Expression of Interest received from consulting firms with all members of Consultant Selection Committee to expedite the process of shortlisting of consultant.

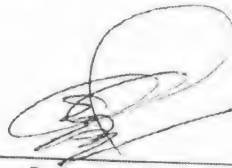
4. Furthermore, it was informed that preliminary evaluation of EOI's is being in process by the members of Consultant Selection Committee i.e. Yousuf Munir, Director Infrastructure/ Projects, SMTA, Rafay Ali Laghari, Director Finance & Accounts, SMTA, Niaz Ali, Director ITS, SMTA. Director Infrastructure/ Projects, SMTA will brief the preliminary evaluation of all the Expression of Interest in the next CSC meeting to be held on **26<sup>th</sup> June, 2020 at 3:00 pm** at SMTA office.
5. In the meeting it was proposed by the members who attended the meeting, that all members of CSC will go through all the EOIs and submit their queries / observations by **24<sup>th</sup> June, 2020** via email **managingdirector.smta@gmail.com**.
6. The meeting adjourned with the vote of thanks to and from the chair.



**Rafay Ali Laghari**  
Director Finance & Accounts  
SMTA, GoS



**Ashraf Ali Lakhro**  
Chief Consultant  
TMTD, GoS



**Iqtidar Ahmed**  
Managing Director,  
SMTA, GoS





ATTENDANCE SHEET

SUBJECT:

PROCUREMENT OF CONSULTING SERVICES (CSC) (FIRM) FOR THE PREPARATION OF DETAILED DESIGN, PROCUREMENT SUPPORT AND CONSTRUCTION SUPERVISION SERVICES.  
- (KARACHI MOBILITY PROJECT-YELLOW BRT)

Time: 11:00 am

Date: 19<sup>th</sup> June 2020

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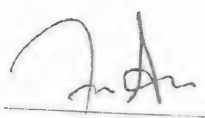
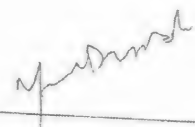



SINDH MASS TRANSIT AUTHORITY  
GOVERNMENT OF SINDH

Subject: Minutes of 3<sup>rd</sup> Consultant Selection Committee Meeting on Karachi  
Mobility Project (Yellow BRTS)

1. The third meeting of the Consultant Selection Committee (the Committee) was held on 06<sup>th</sup> July 2020. The chair of the CSC welcomed the members and the meeting started with a discussion on the evaluation of expression of interest (EOIs) received. The committee members discussed the EOIs in light of the criteria given in the advertisement.
2. It was apprised to the Committee that EOIs of the different bidders comprise documents/information which is not clear and precisely matching the requirement of the evaluation criteria. *Examples* of such documents/information include:
  - completion certificates provided in a language other than English which is not understandable.
  - completion certificates provided by bidders do not specifically mention the scope of work/services of the consultant, project cost, details of client performed for the client.
  - audited financial reports from any of the last five years (if not provided).
3. It was deliberated by the Committee that clarifications may be sought by the SMTA for such unclear documents/information to enable the Committee for informed decision with regards to shortlisting of the bidders [Annexure A]. Names of the firms from which clarifications are to be sought:
  - i. M/s Typsa JV M/s Mott McDonald Pakistan
  - ii. M/s Khatib & Alami JV M/s Osmani & Company (Pakistan) JV M/s Nama Consulting Engineers & Planners JV M/s Prof. Dr S.N. Pollalis Inc JV M/s Halcrow (Pakistan)
  - iii. M/s SCE JV M/s Hill International JV M/s Logit JV M/s HHO JV M/s Exponent (Pakistan)
  - iv. M/s Dar-al-Handasa in JV with M/s NESPAK (Pakistan)
  - v. M/s Tümas Turkish Engineering Consulting & Contracting JV M/s Emay International Engineering & Consultancy JV M/s Rehman Habib Consultants (Pakistan)

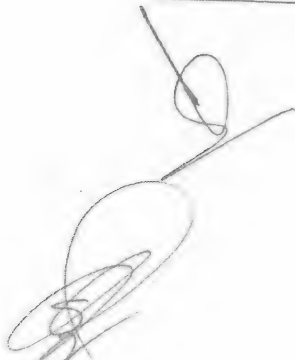
**Decision:**

It was decided by the Committee that the SMTA may seek clarifications in writing from the bidders as mentioned in para 3 above to enable the Committee informed decision with regards to shortlisting of the bidders. Subsequent to the reply from bidders against the queries / clarifications of the SMTA, the same may be incorporated in the evaluation of the EOLs to finalize the shortlisting of bidders.


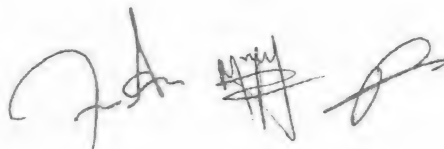
  
Director Finance & Accounts  
Sindh Mass Transit Authority  
Government of Sindh,  
Director Projects/Infrastructure  
Sindh Mass Transit Authority  
Government of Sindh  
Director ITS  
Sindh Mass Transit Authority  
Government of Sindh  
Director of Finance  
PPP Unit, Finance Department  
Government of Sindh  
Chief Transport,  
Planning & Development  
Department, Government of Sindh,  
Chief Consultant,  
Transport and Mass Transit Department  
Government of Sindh,  
MANAGING DIRECTOR  
Sindh Mass Transit Authority  
Government of Sindh

ANNEXURE A

M/s Typsa JV M/s Mott Medonald Pakistan	
GENERAL TECHNICAL EXPERIENCE	CLARIFICATION / QUERY
Project: "Riyadh Metro Project (Package 3 - Lines 4.5 and 6)" --- [Page No: 159]	Please provide a copy of contract agreement of this project. The certificate provided at Page 161 is signed without the mentioning of officer name / designation and other relevant details.
SPECIFIC TECHNICAL EXPERIENCE	CLARIFICATION / QUERY
Project: "New Transport System of Astana BRT - Phase 1" --- [Page 207]	Please provide Certificate of completion / Copy of Contract Agreement stating the project cost, scope of services provided by M/s TYPsa and duration of services.
Project: "Transport Planning study and Detailed design of Abu Dhabi Urban transport network" --- [Page 222]	Please provide Certificate of completion / Copy of Contract Agreement stating the project cost, scope of services provided by M/s TYPsa and duration of services.
FINANCIAL STRENGTH Clarification / Query	
TÉCNICA Y PROYECTOS S.A being a Lead partner has not submitted the Audited Financial Reports for the financial year 2019. Please provide the required document as being mandatory requirement in the EOI.	



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M/s Khatib & Alami JV  
M/s Osmani & Company (Pakistan) JV  
M/s Nama Consulting Engineers & Planners JV  
M/s Prof. Dr S.N. Pollalis Inc JV  
M/s Halcrow (Pakistan)

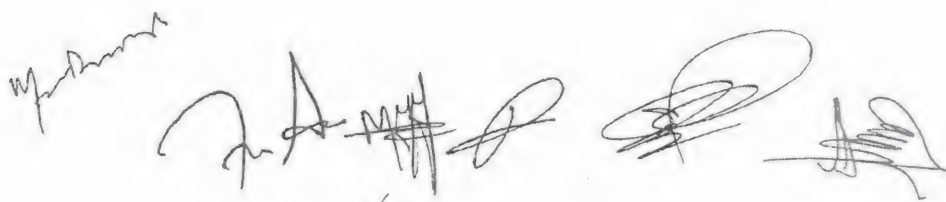
Information required:

Please provide documentary evidence that the firms in JV have never been blacklisted as required in the EOI.

GENERAL TECHNICAL EXPERIENCE	CLARIFICATION / QUERY
Project: "Sulimaniyah Roads – Sulaimaniyah, Kurdish Region, Iraq" --- [Page 456]	Please provide Certificate of completion / Copy of Contract Agreement (in English language – official translation required) stating the project cost, scope of services provided by M/s Khatib & Alami and duration of services.
Project: "Hail / Tabuk Road, KSA" --- [Page 459]	Please provide Certificate of completion / Copy of Contract Agreement (in English language – official translation required) stating the project cost, scope of services provided by M/s Khatib & Alami and duration of services.
SPECIFIC TECHNICAL EXPERIENCE	CLARIFICATION / QUERY
Project: "Riyadh Metro Project – Package 01" --- [Page 477]	Please provide Certificate of completion / Copy of Contract Agreement (in English language – official translation required) stating the project cost, scope of services provided by M/s Khatib & Alami as a sub-consultant and duration of services.
Project: "Light Rail Transit Project, Egypt" --- [Page 478]	Please provide Certificate of completion / Copy of Contract Agreement (in English language – official translation required) stating the project cost, scope of services provided by M/s Khatib & Alami and duration of services.
Project: "City Rail Transit and New Capital Rail Transit Monorails, Cairo, Egypt" --- [Page 479]	Please provide Certificate of completion / Copy of Contract Agreement (in English language – official translation required) stating the project cost, scope of services provided by M/s Khatib & Alami and duration of services.
Project:	

<p>"Metro Line 6 El-Khosos to El-Maady, Egypt" - -- [Page 480]</p>	<p>Please provide Certificate of completion / Copy of Contract Agreement (in English language - official translation required) stating the project cost, scope of services provided by M/s Khatib &amp; Alami and duration of services.</p>
<p>Project: "Al Madinah Metro, Madinah, KSA" --- [Page 490]</p>	<p>Please provide information that the certificate provided at Page 490 is stamped by whom and which government office (since it's in Arabic language and not on official letterhead).</p>
<p>Project: "Athens Metro Project, Greece" --- [Page 518]</p>	<p>Please provide Certificate of completion / Copy of Contract Agreement (in English language - official translation required) stating the project cost, scope of services provided by M/s NAMA and duration of services.</p>
<p style="text-align: center;"><b>FINANCIAL STRENGTH</b> Clarification / Query</p>	
<p>Please provide Certified Audited Reports of last 5 years for M/s Spiro Pollalis Inc. as per requirement of the EOI.</p>	

<p><b>M/s SCE JV M/s Hill International JV M/s Logit JV M/s HHO JV M/s Exponent (Pakistan)</b></p>
<p>Correction required:  Please refer to Page 08 and Page 09 of the EOI. The letter of declaration of association from M/s Logit and M/s HHO is not referred to the SMTA as required. Please make necessary corrections and provide afresh.</p>
<p style="text-align: center;"><b>FINANCIAL STRENGTH</b> Clarification / Query</p>
<p>Please provide Audited Reports of last five years for Hill International N.V and Logit Consulting Inc. Certified from an Audit Firm or Certified affiliated independent Auditor.</p>



M/s Dar-al-Handasa in JV with M/s NESPAK (Pakistan)	
Information required:	
Please provide a documentary evidence of non-blacklisting as required in the EOI, for M/s Dar-al-Handasa.	
SPECIFIC TECHNICAL EXPERIENCE	CLARIFICATION / QUERY
Project:	
"Construction Supervision of Lahore Metro Bus System (Ferozepur Road Corridor) from Gujju Matta to Shahdara" --- [Page 406]	The proforma is stamped and signed by the Client official. But the proforma says Construction Supervision, however in the list of projects at Page 404. Detailed Design and Construction Supervision both are mentioned. Please confirm the scope of services.
FINANCIAL STRENGTH	
Clarification / Query	
Please provide Certified Audit Reports for the year 2019 for M/s Dar-Al-Handasah and Nespak Pvt Ltd. for the year 2018.	

M/s Tümas Turkish Engineering Consulting & Contracting JV M/s Emay International Engineering & Consultancy JV M/s Rehman Habib Consultants (Pakistan)	
Information required:	
Please provide a documentary evidence that the firms in JV have never been blacklisted as required in the EOI.	
GENERAL TECHNICAL EXPERIENCE	CLARIFICATION / QUERY
Project:	
"Construction Supervision, Engineering and Consultancy Services for Continuing Road Construction and Reconstruction Works within the Central and Regional Boundaries of 10th Regional Directorate of Highways" --- [Page 308]	Please confirm the cost of the project through documentary evidence.
SPECIFIC TECHNICAL EXPERIENCE	CLARIFICATION / QUERY
Project:	
"Atakoy - Ikitelli Metro, Istanbul" --- [Page 45]	Please provide copy of contract agreement stating the client's details, scope of services provided by M/s EMAY and cost of the project.
Project:	

*M. Dar-al-Handasa*

*[Handwritten signatures]*

"Metrobus (BRT) System, Istanbul" --- [Page 45]	Please provide completion certificate / copy of contract agreement stating the client's details, scope of services provided by M/s EMAY and cost of the project.
Project: "Kabataş-Mahmutbey metro line, Istanbul" --- [Page 41]	Please provide copy of contract agreement stating the client's details, scope of services provided by M/s EMAY and cost of the project.
FINANCIAL STRENGTH CLARIFICATION / QUERY	
Please provide Certified Audit Reports for the last five years of M/s Emay International Engineering & Consultancy.	
Please provide profile and credentials of the Audit Firm who prepared the Certified Audit Reports for the year 2015 & 2016 for Rehman Habib Consultants.	

Note: The page numbers mentioned above are that of as of the pdf soft copy of the EOI documents submitted soft copy from the bidders.

*[Handwritten signatures and initials]*





GOVERNMENT OF SINDH  
SINDH MASS TRANSIT AUTHORITY

Subject: MINUTES OF 2<sup>ND</sup> CONSULTANT SELECTION COMMITTEE (CSC) FOR  
KARACHI MOBILITY PROJECT YELLOW LINE BRT.

The second meeting of the Consultant Selection Committee [the Committee] was held on 25<sup>th</sup> June 2020. The chair of the CSC welcomed the members and introduced the Project Director of the Karachi Mobility Project - Yellow BRT [the Project] who has been recently notified vide S&GAD notification *SOI(SGA&CD)-3/20/2019* dated 15<sup>th</sup> June 2020. As a matter of understanding, the Committee was given a brief on the Project. It was informed to the Committee that this procurement exercise is meant to procure consultancy services for undertaking Detailed Design, Procurement Support and Construction Supervision.

2. It was informed to the Committee that the Request for Expression of Interest [the REOI] was prepared considering the complexity, scale and nature of the Project. In compliance of the World Bank Procurement Regulations for IPF Borrowers July 2016, revised November 2017 and August 2018 (the Procurement Regulations), Annex II (No. 7), the REOI document duly prepared by the SMTA and was approved by the World Bank for publishing (**Annexure A**). The REOI was first published with the deadline of 17<sup>th</sup> March 2020 but later this deadline was extended till 6<sup>th</sup> April 2020 considering the global Covid-19 issue (**Annexure B**). In response to the REOI, thirteen firms submitted their EOIs (list of firms are at **Annexure C**) which now needs to be evaluated for shortlisting / pre-qualification purpose. The Committee discussed the overall REOI document and shortlisting criteria and it was decided to accord a post-facto approval on the same. Furthermore, it was proposed that the Committee needs to be re-constituted and the Project Director be included in the Committee. It was decided that a request to the Transport & Mass Transit Department will be sent to include following two members in the Committee.

- i) Project Director – Karachi Mobility Project
- ii) Deputy Director (Contracts/Procurement), SMTA

3. It was agreed that the evaluation of the EOIs will be discussed in the subsequent Committee meeting. The Chair requested the members to go through the EOI documents for better understanding and clarity.

Decisions:

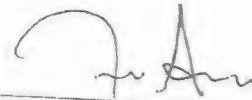
- i) The Committee agreed to accord post-facto approval on the REoI being published in accordance with the Procurement Regulations.
- ii) A request will be sent to the TMTD to include the Project Director and the Deputy Director Contracts, SMTA in the CSC.



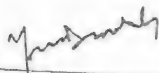
**RAFAY LAGHARI**  
Director Finance &  
Accounts  
SMTA, GoS



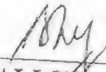
**YOUSUF MUNIR**  
Director Projects /  
Infrastructure  
SMTA, GoS



**NIAZ ALI**  
Director ITS  
SMTA, GoS



**MUHAMMAD DANISH**  
Director Finance  
PPP Unit,  
Finance Department GoS



**SINKANDAR ALI SHAIKH**  
Chief Transport  
P&D GoS



**ASHRAF ALI LAKHO**  
Chief Consultant  
TMTD, GoS



**IQTIDAR AHMED**  
Managing Director  
SMTA, GoS



SINDH MASS TRANSIT AUTHORITY  
GOVERNMENT OF SINDH

Dated: 24<sup>th</sup> August 2020

MINUTES OF 4<sup>TH</sup> CONSULTANT SELECTION COMMITTEE MEETING ON  
KARACHI MOBILITY PROJECT (YELLOW BRTS)

The fourth meeting of the Consultant Selection Committee [the Committee] was held on 21<sup>st</sup> August 2020. The chair of the CSC welcomed the members and the meeting started with a discussion on overall process of the invitation of EOIs and their evaluation. The approved minutes of third Committee meeting were discussed in the light of evaluation. The Committee was apprised that, as per the decision in the third Committee meeting, clarifications from five (05) consultant firms were sought on 15<sup>th</sup> July 2020, through email [Annexure A] and were given a timeline till 23<sup>rd</sup> July 2020 to furnish their response. All five (05) consultant firms submitted their response, through email by the deadline [Annexure B]. For ready reference, following are the five (05) consultant firms who were asked to submit their response to clarifications:

- i. M/s Typsa JV M/s Mott McDonald Pakistan
- ii. M/s Khatib & Alami JV M/s Osmani & Company (Pakistan) JV M/s Nama Consulting Engineers & Planners JV M/s Prof. Dr S.N. Pollalis Inc JV M/s Halcrow (Pakistan)
- iii. M/s SCE JV M/s Hill International JV M/s Logit JV M/s HHO JV M/s Exponent (Pakistan)
- iv. M/s Dar-al-Handasa in JV with M/s NESPAK (Pakistan)
- v. M/s Tümas Turkish Engineering Consulting & Contracting JV M/s Emay International Engineering & Consultancy JV M/s Rehman Habib Consultants (Pakistan)

The Committee members discussed the responses obtained from the above-mentioned consultant firms and concluded that the response from the following four (04) consultant firms satisfies the evaluation criteria and hence may be shortlisted:

	Consultant Firm	Remarks
01	M/s Typsa JV M/s Mott McDonald Pakistan	The consultant firm has provided satisfactory experience of providing the services as required in the EOI criteria, in general and specific projects of required value. The experience covers urban mass transit systems including BRT (experience of two BRT projects in Pakistan) and MRT projects. The staff experience and capacity demonstrated is satisfactory and sufficient to deliver the project.

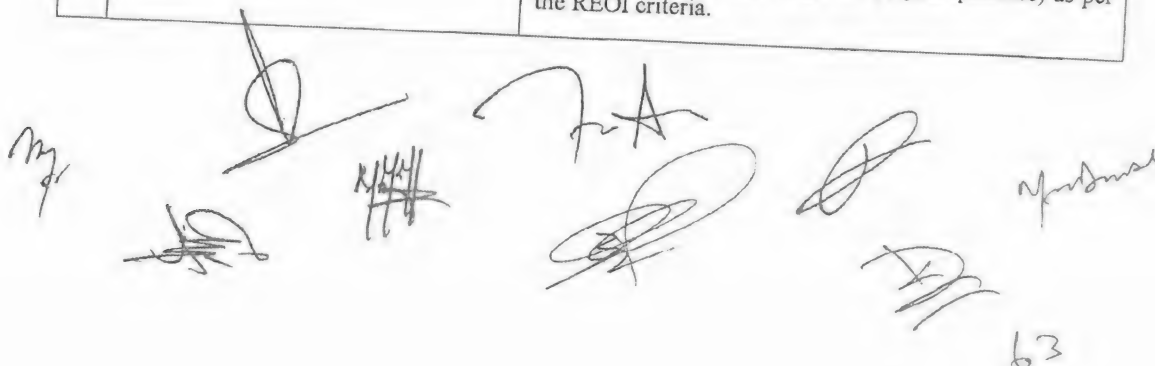
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02	M/s Khatib & Alami JV M/s Osmani & Company (Pakistan) JV M/s Nama Consulting Engineers & Planners JV M/s Prof. Dr S.N. Pollalis Inc JV M/s Halcrow (Pakistan)	The consultant firm has provided satisfactory experience of providing the services as required in the EOI criteria, in general and specific projects of required value. The experience covers urban mass transit systems including BRT (one project delivered in Pakistan) and MRT projects. The experience and capacity demonstrated is sufficient to deliver the project.
03	M/s SCE JV M/s Hill International JV M/s Logit JV M/s HHO JV M/s Exponent (Pakistan)	The consultant firm has provided satisfactory experience of providing the services as required in the EOI criteria, in general and specific projects of required value. The experience covers urban mass transit systems including BRT and MRT besides extensive experience in infrastructure projects. The experience and capacity demonstrated, is sufficient to deliver the assignment.
04	M/s Dar-al-Handasa in JV with M/s NESPAK (Pakistan)	The consultant firm has provided satisfactory experience of providing the services as required in the EOI criteria, in general and specific projects of required value. The experience covers urban mass transit systems, as well as direct experience in BRT developments in Pakistan. Experienced pool of staff (design, tender documents, supervision, contract management) demonstrated is sufficient to deliver the assignment.

The committee further discussed and agreed that, in light of the criteria, the following EOIs received do not qualify and hence will be declared *dis-qualified*.

	Consultant Firm	Remarks
01	M/s Tümas Turkish Engineering Consulting & Contracting JV M/s Emay International Engineering & Consultancy JV M/s Rehman Habib Consultants (Pakistan)	The consultant firm submitted their response to the clarifications sought wherein it was mentioned that the required documentary evidence of the projects, of specific experience, may not be provided since these projects are only included in the brief company presentation of M/s EMAY and not in the section of specific experience. Accordingly, the consultant firm's specific experience does not fulfill the requirement as per the REOI criteria.
02	M/s Botek Bosphorus Technical Consulting Corp. JV M/s Mega Engineering Consulting Inc.	The consultant firm has provided satisfactory experience in general infrastructure projects of required value, covering design and construction supervision services, however they do not possess sufficient specific experience of projects (only one project qualifies) as per the REOI criteria.


  
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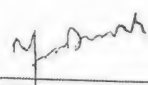


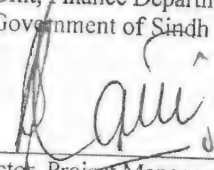
03	M/s Eser Musavirlik JV M/s Techno Consult JV M/s Meg Yatirim	<p>The consultant firm has provided satisfactory experience in general infrastructure projects of required value, covering design and construction supervision services, however they do not possess sufficient specific experience of projects (only two project qualifies) as per the REOI criteria.</p> <p>The committee agreed that the inter-city rail projects will not be considered as specific experience similar to the nature and complexity of the Project. In this case two projects provided as specific experience pertains to the inter-city railway and hence have not been considered in compliance with the REOI criteria.</p>
04	M/s ITALConsult	<p>The consultant firm's specific experience does not fulfill the REOI criteria (only one project qualifies) although their experience in general projects is worth-mentioning and satisfies the criteria as well.</p>
05	M/s Kunhwa Engineering & Consulting JV M/s Dong Il Engineering Consultants JV M/s EuroConsult	<p>The consultant firm's specific experience does not fulfill the REOI criteria although the projects mentioned in general experience are satisfactory and fulfill the EOI criteria.</p> <p>The committee agreed that the projects not meeting the criteria of minimum cost, as mentioned in the REOI, will not be considered qualified.</p>
06	M/s Minconsult Sdn. Bhd JV M/s EA Consulting JV M/s Creative Engineering Consultants	<p>The consultant firm's specific experience does not fulfill the REOI criteria (of both minimum cost and number of projects). The required information on general projects experience, is consistently missing from their EOI.</p>
07	M/s Renardet SA JV M/s PEAS Consulting JV M/s ESS-I-AAR JV M/s ECSP	<p>The consultant firm's specific experience does not fulfill the REOI criteria (only one project qualifies). The projects mentioned in general experience fulfills the criteria satisfactorily from only one partner while most of the presented reference projects are within roads sector and the local partners demonstrate the projects not satisfying the cost criteria of the REOI.</p>
08	M/s Tebodin	<p>The consultant firm's specific experience does not fulfill the requirement as per the REOI criteria. No project experience has been provided under specific experience.</p>

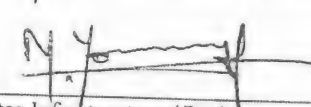
09	<p>M/s Kaiser Engineering &amp; Consulting JV M/s Apco Teknik JV M/s SMEC JV M/s Zeeruk International (Pakistan) JV M/s Loya Associates JV M/s Engineering General Consultants (Pakistan)</p>	<p>The consultant firm has provided project experiences in general and specific categories though the cost of the projects is missing in some cases and two specific projects do not fulfill the cost criteria as mentioned in the REOI. The consultant firm do not fulfill the REOI criteria and the lead firm has a negative net-worth in the year 2016.</p> <p>The committee agreed that the consultant firm, specifically those whose projects are being considered, must meet the positive net-worth criteria as mentioned in the REOI.</p>
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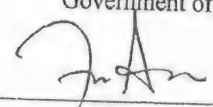
The committee agreed that the results of the pre-qualification process will be sent to the World Bank for their prior review and no-objection. Upon receiving no-objection from the World Bank, the SMTA will inform, in writing, this result to all the consultants who participated in the process. The Request for Proposal, however, will be provided to only shortlisted consultants after the approval from the World Bank.


The meeting was adjourned with a token of thanks from the Chair to the committee members.

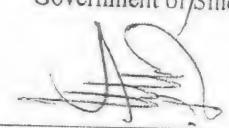
  
 Director Finance  
 PPP Unit, Finance Department,  
 Government of Sindh

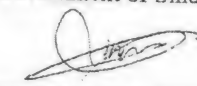
  
 Project Director, Project Management Team  
 Karachi Mobility Project (Yellow BRT)

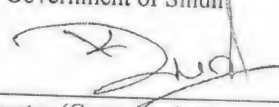
  
 Director Infrastructure / Projects,  
 Sindh Mass Transit Authority  
 Government of Sindh


  
 Director (ITS)  
 Sindh Mass Transit Authority  
 Government of Sindh

  
 Chief Transport  
 Planning & Development Department,  
 Government of Sindh

  
 Chief Consultant  
 Transport & Mass Transit Department  
 Government of Sindh

  
 Director Finance & Accounts  
 Sindh Mass Transit Authority  
 Government of Sindh

  
 Deputy Director (Contracts & Procurement)  
 Sindh Mass Transit Authority  
 Government of Sindh

  
 Managing Director  
 Sindh Mass Transit Authority  
 Government of Sindh

8/24/2020

Gmail - Electronic Submission of EOI: Karachi Mobility Project – Yellow BRT (Loan no. IBRD 8995-PK, Project ID: P166732)



SMTA INFRA <kmp.infra.smta@gmail.com>

**Electronic Submission of EOI: Karachi Mobility Project – Yellow BRT (Loan no. IBRD 8995-PK, Project ID: P166732)**

SMTA INFRA <kmp.infra.smta@gmail.com>

To: Rehan Zamin <rehanzamin@gmail.com>

Wed, Jul 15, 2020 at 6:17 PM

Cc: Ali Abbany <Ali.Abbany@dar.com>, Madiha BenSlama <Madiha.BenSlama@dar.com>, Ali javaid <Ali\_jash2000@hotmail.com>, Mubashra Zafar <mubashrazafar@outlook.com>, managingdirector.smta@gmail.com, pd.kmp.ylc@gmail.com, Rafay Ali Laghari <rafay.laghari.smta@gmail.com>, Chief.consultant.tmt@gmail.com, Consultant P & C TMTD <planning.smtc@gmail.com>, danish.pppgos@gmail.com, sikande.shaikh@yahoo.com, Muhammad Yousuf Munir <director.infra.smta@gmail.com>

Dear Mr. Rehan Zamin,

Subsequent to the submission of the EOI document, please provide the response to the following latest by 23rd July 2020, for our further necessary action.

Please note that the page numbers referred below refer to the page numbers of the pdf soft copy of the EOI document submitted.

Thanks &  
Regards

M/s Dar-al-Handasa in JV with M/s NESPAK (Pakistan)	
Information required:	
Please provide a documentary evidence of non-blacklisting as required in the EOI, for M/s Dar-al-Handasa.	
SPECIFIC TECHNICAL EXPERIENCE	CLARIFICATION / QUERY
Project:  "Construction Supervision of Lahore Metro Bus System (Ferozepur Road Corridor) from Gujju Matta to Shahdara" --- [Page 406]	The proforma is stamped and signed by the Client official. But the proforma says Construction Supervision, however in the list of projects at Page 404, Detailed Design and Construction Supervision both are mentioned. Please confirm the scope of services.
FINANCIAL STRENGTH Clarification / Query	
Please provide Certified Audit Reports for the year 2019 for M/s Dar-Al-Handasah and Nespak Pvt Ltd. for the year 2018.	

[Quoted text hidden]



8/24/2020

Gmail - Submission of EOI for Karachi Mobility Project - Yellow Line



SMTA INFRA <kmp.infra.smta@gmail.com>

Submission of EOI for Karachi Mobility Project - Yellow Line

SMTA INFRA <kmp.infra.smta@gmail.com>  
To: Rafay Ahmed Siddiqui

Wed, Jul 15, 2020 at 6:04 PM

To: Rafay Ahmed Siddiqui <rafayahmed@gmail.com>, Rafay Ahmed Siddiqui <rafay.ahmed@osmani.com>  
Cc: managingdirector.smta@gmail.com, pd.kmp.ylc@gmail.com, Chief.consultant.tmttd@gmail.com, Rafay Ali Laghari  
<rafay.laghari.smta@gmail.com>, danish.pppgos@gmail.com, sikande.shaihk@yahoo.com, Muhammad Yousuf Munir  
<director.infra.smta@gmail.com>, Consultant P & C TMTD <planning.smtc@gmail.com>

Dear Mr Rafay,

Subsequent to the submission of the EOI document, please provide the response to the following latest by 23rd July 2020, for our further necessary action.  
Please note that the page numbers referred below refer to the page numbers of the pdf soft copy of the EOI document submitted.

Thanks &  
Regards

M/s Khatib & Alami JV  
M/s Osmani & Company (Pakistan) JV  
M/s Nama Consulting Engineers & Planners JV  
M/s Prof. Dr S.N. Pollalis Inc JV  
M/s Halcrow (Pakistan)

Information required:

Please provide documentary evidence that the firms in JV have never been blacklisted as required in the EOJ.

### GENERAL TECHNICAL EXPERIENCE

CLARIFICATION / QUERY

Project:

"Sulimaniyah Roads - Sulaimaniyah, Kurdish Region, Iraq" ... [Page 456]

Please provide Certificate of completion / Copy of Contract Agreement (in English language – official translation required) stating the project cost, scope of services provided by M/s Khatib & Alami and duration of services.

Project:

"Hail / Tabuk Road, KSA" --- [Page 459]

Please provide Certificate of completion / Copy of Contract Agreement (in English language – official translation required) stating the project cost, scope of services provided by M/s Khatib & Alami and duration of services.

### SPECIFIC TECHNICAL EXPERIENCE

CLARIFICATION / QUERY

Project:

"Riyadh Metro Project - Package 01" - [Page 477]

Please provide Certificate of completion / Copy of Contract Agreement (in English language – official translation required) stating the project cost, scope of services provided by M/s Khatib & Alami as a sub-consultant and duration of services.

Project:

"Light Rail Transit Project, Egypt" --- [Page 478]

Please provide Certificate of completion / Copy of Contract Agreement (in English language – official



9/24/2020

Gmail - Submission of EOI for Karachi Mobility Project - Yellow Line

Project:	<u>translation required) stating the project cost, scope of services provided by M/s Khatib &amp; Alami and duration of services.</u>
"City Rail Transit and New Capital Rail Transit Monorails, Cairo, Egypt" --- [Page 479]	Please provide Certificate of completion / Copy of Contract Agreement (in English language - official translation required) stating the project cost, scope of services provided by M/s Khatib & Alami and duration of services.
Project:	
"Metro Line 6 El-Khosos to El-Maady, Egypt" --- [Page 480]	Please provide Certificate of completion / Copy of Contract Agreement (in English language - official translation required) stating the project cost, scope of services provided by M/s Khatib & Alami and duration of services.
Project:	
"Al Madinah Metro, Madinah, KSA" --- [Page 490]	Please provide information that the certificate provided at Page 490 is stamped by whom and which government office (since it's in Arabic language and not on official letterhead).
Project:	
"Athens Metro Project, Greece" --- [Page 518]	Please provide Certificate of completion / Copy of Contract Agreement (in English language - official translation required) stating the project cost, scope of services provided by M/s NAMA and duration of services.
FINANCIAL STRENGTH Clarification / Query.	
Please provide Certified Audited Reports of last 5 years for M/s Spiro Pollalis Inc. as per requirement of the EOI.	

[Quoted text hidden]

Handwritten signatures and initials are present at the bottom of the page, including a large signature on the left, several smaller initials in the center, and a signature on the right.

8/24/2020

Gmail - PK-SMTA-122605-CS-QCBS - EoI for Yellow BRT Line



SMTA INFRA <kmp.infra.smta@gmail.com>

PK-SMTA-122605-CS-QCBS - Eol for Yellow BRT Line

SMTA INFRA <kmp.infra.smta@gmail.com>

Wed, Jul 15, 2020 at 5:44 PM

To: "LEOCADIE-THAUVIN Alice (SCE)" <alice.leocadie-thauvin@sce.fr>  
Cc: "Ashar H. Lodi" <ashar.lodi@exponent.com.pk>, "Aamir Sharif [Gmail]" <aamirshf@gmail.com>, Aamir Sharif <m.aamir@exponent.com.pk>, managingdirector.smta@gmail.com, Muhammad Yousuf Munir <director.infra.smta@gmail.com>, Chief.consultant.tmtcd@gmail.com, danish.pppgos@gmail.com, sikande.shaikh@yahoo.com, Rafay Ali Laghari <rafay.laghari.smta@gmail.com>, Consultant P & C TMTD <planning.smtc@gmail.com>, pd.kmp.ylc@gmail.com

Dear Alice Thauvin,

Subsequent to the submission of the EOI document, please provide the response to the following latest by 23rd July 2020, for our further necessary action.  
Please note that the page numbers referred below refer to the page numbers of the pdf soft copy of the EOI document submitted.

<p><u>M/s SCE JV M/s Hill International JV M/s Logit JV M/s HHO JV M/s Exponent (Pakistan)</u></p>	
<p><u>Correction required:</u></p> <p>-</p> <p><u>Please refer to Page 08 and Page 09 of the EOI. The letter of declaration of association from M/s Logit and M/s HHO is not referred to the SMTA as required. Please make necessary corrections and provide afresh.</u></p> <p>-</p>	
<p style="text-align: center;"><u>FINANCIAL STRENGTH</u></p> <p style="text-align: center;"><u>Clarification / Query:</u></p>	
<p><u>Please provide Audited Reports of last five years for Hill International N.V and Logit Consulting Inc. Certified from an Audit Firm or Certified affiliated independent Auditor.</u></p>	

Thanks &  
Regards  
[Quoted text hidden]

<https://mail.google.com/mail/u/3/?ik=47ec4f8ef1&view=pt&search=all&permmsgid=msg-a%3Ar4400295611782794036&simpl=msg-a%3Ar440029> . 1/1

49

6/24/2020

Gmail - Karachi Mobility Project - Expression of Interest



SMTA INFRA <kmp.infra.smta@gmail.com>

## Karachi Mobility Project - Expression of Interest

SMTA INFRA <kmp.infra.smta@gmail.com>

To: "Rehman (Pvt) Ltd" <rhqta@yahoo.com>

Wed, Jul 15, 2020 at 5:57 PM

Cc: murat.hosgor@tumas.com.tr, rhcho@rehmanhabib.com, Abubakar Mujahid <abubakar@rehmanhabib.com>, managingdirector.smta@gmail.com, pd.kmp.ylc@gmail.com, Chief.consultant.tmta@gmail.com, sikande.shaiqh@yahoo.com, danish.pppgos@gmail.com, Rafay Ali Laghari <rafay.laghari.smta@gmail.com>, Consultant P & C TMTD <planning.smtc@gmail.com>, Muhammad Yousuf Munir <director.infra.smta@gmail.com>

Dear Zeeshan Elahi sahib,

Subsequent to the submission of the EOI document, please provide the response to the following latest by 23rd July 2020, for our further necessary action.

Please note that the page numbers referred below refer to the page numbers of the pdf soft copy of the EOI document submitted.

Thanks &  
Regards

<u>M/s Tümas Turkish Engineering Consulting &amp; Contracting JV</u> <u>M/s Emay International Engineering &amp; Consultancy JV</u> <u>M/s Rehman Habib Consultants (Pakistan)</u>	
<u>Information required:</u> Please provide a documentary evidence that the firms in JV have never been blacklisted as required in the EOI.	
<u>GENERAL TECHNICAL EXPERIENCE</u>	<u>CLARIFICATION / QUERY</u>
<u>Project:</u> "Construction Supervision, Engineering and Consultancy Services for Continuing Road Construction and Reconstruction Works within the Central and Regional Boundaries of 10th Regional Directorate of Highways" --- [Page 308]	- Please confirm the cost of the project through documentary evidence. -
<u>SPECIFIC TECHNICAL EXPERIENCE</u>	<u>CLARIFICATION / QUERY</u>
<u>Project:</u> "Atakoy - Ikitelli Metro, Istanbul" --- [Page 45]	- Please provide copy of contract agreement stating the client's details, scope of services provided by M/s EMAY and cost of the project. -
<u>Project:</u> "Metrobus (BRT) System, Istanbul" --- [Page 45]	- Please provide completion certificate / copy of contract agreement stating the client's details, scope of services provided by M/s EMAY and cost of the project. -
<u>Project:</u> -	-

<https://mail.google.com/mail/u/3?ik=47ec4f8ef18&view=pt&search=all&permmsgid=msg-a%3Ar-5395093358693657207&siml=msg-a%3Ar-5395> 1/2

8/24/2020

Gmail - Karachi Mobility Project - Expression of Interest

<u>"Kabatas-Mahmutbey metro line, Istanbul" ---</u> [Page 41] -	<u>Please provide copy of contract agreement stating the client's details, scope of services provided by M/s EMAY and cost of the project.</u> -
<u>FINANCIAL STRENGTH</u> <u>CLARIFICATION / QUERY</u>	
<u>Please provide Certified Audit Reports for the last five years of M/s Emay International Engineering &amp; Consultancy.</u>	
<u>Please provide profile and credentials of the Audit Firm who prepared the Certified Audit Reports for the year 2015 &amp; 2016 for Rehman Habib Consultants.</u>	

A collection of handwritten signatures and initials in black ink, scattered across the lower half of the page. The signatures vary in style, with some being more elaborate and others being simple initials or marks.



8/24/2020

Gmail - Submittal EOI for Yellow Line BRT by TYPsa/MMP/AsCE



SMTA INFRA &lt;kmp.infra.smta@gmail.com&gt;

## Submittal EOI for Yellow Line BRT by TYPsa/MMP/AsCE

SMTA INFRA &lt;kmp.infra.smta@gmail.com&gt;

Wed, Jul 15, 2020 at 5:37 PM

To: ADAME DE HEU PATRICIO &lt;padame@typsa.es&gt;

Cc: Ejaz Alam &lt;ejaz.alam@mmpakistan.com&gt;, managingdirector.smta@gmail.com, Muhammad Yousuf Munir &lt;director.infra.smta@gmail.com&gt;, Rafay Ali Laghari &lt;rafay.laghari.smta@gmail.com&gt;, Consultant P &amp; C TMTD &lt;planning.smtc@gmail.com&gt;, Chief.consultant.tmt@gmail.com, danish.pppgos@gmail.com, sikande.shaikh@yahoo.com, pd.kmp.ylc@gmail.com

Dear Mr. Patricio M. Adame de Heu,

Subsequent to the submission of the EOI document, please provide the response to the following latest by 23rd July 2020, for our further necessary action.

Please note that the page numbers referred below refer to the page numbers of the pdf soft copy of the EOI document submitted.

Thanks &  
Regards

M/s Typsa JV M/s Mott McDonald Pakistan	
GENERAL TECHNICAL EXPERIENCE	CLARIFICATION / QUERY
Project: "Riyadh Metro Project (Package 3 – Lines 4,5 and 6)" --- [Page No: 159]	Please provide a copy of contract agreement of this project. The certificate provided at Page 161 is signed without the mentioning of officer name / designation and other relevant details.
SPECIFIC TECHNICAL EXPERIENCE	CLARIFICATION / QUERY
Project: "New Transport System of Astana BRT – Phase 1" -- - [Page 207]	Please provide Certificate of completion / Copy of Contract Agreement stating the project cost, scope of services provided by M/s TYPsa and duration of services.
Project: "Transport Planning study and Detailed design of Abu Dhabi Urban transport network" --- [Page 222]	Please provide Certificate of completion / Copy of Contract Agreement stating the project cost, scope of services provided by M/s TYPsa and duration of services.
FINANCIAL STRENGTH Clarification / Query	
TÉCNICA Y PROYECTOS S.A being a Lead partner has not submitted the Audited Financial Reports for the financial year 2019. Please provide the required document as being a mandatory requirement in the EOI.	

8/24/2020

Gmail - Clarification Response of TUMAS-EMAY-RHC



SMTA INFRA <kmp.infra.smta@gmail.com>

## Clarification Response of TUMAS-EMAY-RHC

SMTA INFRA <kmp.infra.smta@gmail.com>

Fri, Aug 21, 2020 at 2:11 PM

To: pd.kmp.ylc@gmail.com, Consultant P & C TMTD <planning.smtc@gmail.com>, Rafay Ali Laghari <rafay.laghari.smta@gmail.com>, Chief.consultant.tmtc@gmail.com, sikande.shaikh@yahoo.com, danish.pppgos@gmail.com, Muhammad Yousuf Munir <director.infra.smta@gmail.com>  
Cc: managingdirector.smta@gmail.com

Dear All,

Following email is the clarification obtained by the consortium of M/s EMAY JV M/s Tumas, received by the deadline given to them but they did not copy all of the Committee members and sent through a new email. For record and review purpose, please.

Regards

[Quoted text hidden]

 Clarification\_1.pdf  
11805K



8/24/2020

Gmail - Electronic Submission of EOI: Karachi Mobility Project - Yellow BRT (Loan no. IBRD 8995-PK, Project ID: P166732)



SMTA INFRA <kmp.infra.smta@gmail.com>

**Electronic Submission of EOI: Karachi Mobility Project - Yellow BRT (Loan no. IBRD 8995-PK, Project ID: P166732)**

Rehan Zamin <rehanzamin@gmail.com>

Wed, Jul 22, 2020 at 1:59 PM

To: SMTA INFRA <kmp.infra.smta@gmail.com>

Cc: Ali Abbany <Ali.Abbany@dar.com>, Madiha BenSlama <Madiha.BenSlama@dar.com>, Ali javaid <Ali\_jash2000@hotmail.com>, Mubashra Zafar <mubashrazafar@outlook.com>, "Iqtidar Ahmed (managingdirector.smta@gmail.com)" <managingdirector.smta@gmail.com>, pd.kmp.ylc@gmail.com, Rafay Ali Laghari <rafay.laghari.smta@gmail.com>, Ashraf Lakho <Chief.consultant.tmt@gmail.com>, Consultant P & C TMTD <planning.smtc@gmail.com>, Muhammad Danish <danish.pppgos@gmail.com>, sikande.shaikh@yahoo.com, Muhammad Yousuf Munir <director.infra.smta@gmail.com>, Karim Zakaria <Karim.Zakaria@dar.com>

Dear sir,

This is with reference to your email dated July 15, 2020, through which you have asked DAR-NESPAK JV to submit clarifications on the electronic copy of EOI submitted, for the subject project.

Enclosed please find our response to your queries.

We hope that the above suffice your requirements.

Regards

Rehan Zamin  
Chief Engineer / Section Head (Infrastructure)  
NESPAK, Karachi  
Tel: 021-99090638  
Mob: 0345-2113830

[Quoted text hidden]

 **DAR-NESPAK - Yellow EOI - Response to Queries - 22-07-2020.pdf**  
17683K

8/24/2020

Gmail - Re: PK-SMTA-122605-CS-QCBS - Eol for Yellow BRT Line



SMTA INFRA <kmp.infra.smta@gmail.com>

**Re: PK-SMTA-122605-CS-QCBS - Eol for Yellow BRT Line**

VIAVANT Romain (SCE) <romain.viavant@sce.fr>

Sat, Jul 18, 2020 at 12:04 AM

To: "kmp.infra.smta@gmail.com" <kmp.infra.smta@gmail.com>

Cc: "ashar.lodi@exponent.com.pk" <ashar.lodi@exponent.com.pk>, "LEOCADIE-THAUVIN Alice (SCE)" <alice.leocadie-thauvin@sce.fr>, "aamirshf@gmail.com" <aamirshf@gmail.com>, "managingdirector.smta@gmail.com" <managingdirector.smta@gmail.com>, "director.infra.smta@gmail.com" <director.infra.smta@gmail.com>, "chief.consultant.tmt@gmail.com" <chief.consultant.tmt@gmail.com>, "danish.pppgos@gmail.com" <danish.pppgos@gmail.com>, "sikande.shaikh@yahoo.com" <sikande.shaikh@yahoo.com>, "rafay.laghari.smta@gmail.com" <rafay.laghari.smta@gmail.com>, "planning.smtc@gmail.com" <planning.smtc@gmail.com>, "pd.kmp.ylc@gmail.com" <pd.kmp.ylc@gmail.com>

Dear PMU,

I confirm that we have received the below request for clarification on the aforementioned package. We are now collecting the required documents. However, due to the holiday season, this may require few days. May you allow us few more days to send you the documents? That would be much helpful to make sure all is in order.

We remain at your disposal would you have any further clarification.

Best Regards,



Romain VIAVANT  
Département International  
International Department

4 rue Viviani  
CS 26220 - 44262 Nantes Cedex 2  
Tél. +33 2 51 17 29 29  
romain.viavant@sce.fr

www.sce.fr

GROUPE KERAN

From: SMTA INFRA <kmp.infra.smta@gmail.com>

Date: 15 July 2020 at 17:44:55 GMT+5

To: "LEOCADIE-THAUVIN Alice (SCE)" <alice.leocadie-thauvin@sce.fr>

Cc: "Ashar H. Lodi" <ashar.lodi@exponent.com.pk>, "Aamir Sharif [Gmail]" <aamirshf@gmail.com>, Aamir Sharif <m.aamir@exponent.com.pk>, managingdirector.smta@gmail.com, Muhammad Yousuf Munir <director.infra.smta@gmail.com>, chief.consultant.tmt@gmail.com, danish.pppgos@gmail.com, sikande.shaikh@yahoo.com, Rafay Ali Laghari <rafay.laghari.smta@gmail.com>, Consultant P & C TMTD <planning.smtc@gmail.com>, pd.kmp.ylc@gmail.com

Subject: Re: PK-SMTA-122605-CS-QCBS - Eol for Yellow BRT Line

Dear Alice Thauvin,



8/24/2020

Gmail - Re: PK-SMTA-122605-CS-QCBS - Eol for Yellow BRT Line

Subsequent to the submission of the EOI document, please provide the response to the following latest by 23rd July 2020, for our further necessary action.

Please note that the page numbers referred below refer to the page numbers of the **pdf** soft copy of the EOI document submitted.

<u>M/s SCE JV M/s Hill International JV M/s Logit JV M/s HHO JV M/s Exponent (Pakistan)</u>
<u>Correction required:</u> - <u>Please refer to Page 08 and Page 09 of the EOI. The letter of declaration of association from M/s Logit and M/s HHO is not referred to the SMTA as required. Please make necessary corrections and provide afresh.</u> -
<u>FINANCIAL STRENGTH</u> <u>Clarification / Query</u>
<u>Please provide Audited Reports of last five years for Hill International N.V and Logit Consulting Inc. Certified from an Audit Firm or Certified affiliated independent Auditor.</u>

Thanks &

Regards

A collection of handwritten signatures and initials in black ink, including a large stylized signature at the top left, several smaller initials and signatures in the center and right, and a signature at the bottom right.



SMTA INFRA &lt;kmp.infra.smta@gmail.com&gt;

## Re: PK-SMTA-122605-CS-QCBS - Eol for Yellow BRT Line

VIAVANT Romain (SCE) &lt;romain.viavant@sce.fr&gt;

Wed, Jul 22, 2020 at 11:51 AM

To: "kmp.infra.smta@gmail.com" &lt;kmp.infra.smta@gmail.com&gt;

Cc: "ashar.lodi@exponent.com.pk" <ashar.lodi@exponent.com.pk>, "LEOCADIE-THAUVIN Alice (SCE)" <alice.leocadie-thauvin@sce.fr>, "aamirshf@gmail.com" <aamirshf@gmail.com>, "managingdirector.smta@gmail.com" <managingdirector.smta@gmail.com>, "director.infra.smta@gmail.com" <director.infra.smta@gmail.com>, "chief.consultant.tmt@gmail.com" <chief.consultant.tmt@gmail.com>, "danish.pppgos@gmail.com" <danish.pppgos@gmail.com>, "sikande.shaikh@yahoo.com" <sikande.shaikh@yahoo.com>, "rafay.laghari.smta@gmail.com" <rafay.laghari.smta@gmail.com>, "planning.smtc@gmail.com" <planning.smtc@gmail.com>, "pd.kmp.ylc@gmail.com" <pd.kmp.ylc@gmail.com>

Dear PMU,

Please find enclosed the required documents:

- Updated Letters of Association from Ms Logit and HHO,
- Audited accounts from Logit and Hills international.

We remain at your disposal would you have any further question.

Best Regards,



Romain VIAVANT  
Département International  
International Department

4 rue Viviani

CS 26220 - 44262 Nantes Cedex 2

Tél. +33 2 51 17 29 29  
romain.viavant@sce.fr

www.sce.fr

GROUPE KERAN

De : VIAVANT Romain (SCE)

Envoyé : vendredi 17 juillet 2020 21:04

À : 'kmp.infra.smta@gmail.com' &lt;kmp.infra.smta@gmail.com&gt;

Cc : 'ashar.lodi@exponent.com.pk' <ashar.lodi@exponent.com.pk>; LEOCADIE-THAUVIN Alice (SCE) <alice.leocadie-thauvin@sce.fr>; 'aamirshf@gmail.com' <aamirshf@gmail.com>; 'managingdirector.smta@gmail.com' <managingdirector.smta@gmail.com>; 'director.infra.smta@gmail.com' <director.infra.smta@gmail.com>; 'chief.consultant.tmt@gmail.com' <chief.consultant.tmt@gmail.com>; 'danish.pppgos@gmail.com' <danish.pppgos@gmail.com>; 'sikande.shaikh@yahoo.com' <sikande.shaikh@yahoo.com>; 'rafay.laghari.smta@gmail.com' <rafay.laghari.smta@gmail.com>; 'planning.smtc@gmail.com' <planning.smtc@gmail.com>

8/24/2020

Gmail - Re: PK-SMTA-122605-CS-QCBS - Eol for Yellow BRT Line

<planning.smtc@gmail.com>; 'pd.kmp.ylc@gmail.com' <pd.kmp.ylc@gmail.com>  
Objet : Re: PK-SMTA-122605-CS-QCBS - Eol for Yellow BRT Line

[Quoted text hidden]

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 Clarifications.pdf  
29030K

*[Handwritten signatures and initials]*

8/24/2020

Gmail - Submission of EOI for Karachi Mobility Project - Yellow Line



SMTA INFRA <kmp.infra.smta@gmail.com>

## Submission of EOI for Karachi Mobility Project - Yellow Line

Rafey Ahmed Siddiqui <rafey.ahmed@osmani.com>

Wed, Jul 15, 2020 at 6:47 PM

To: SMTA INFRA <kmp.infra.smta@gmail.com>

Cc: Chief.consultant.tmt@gmail.com, Consultant P & C TMTD <planning.smtc@gmail.com>, Muhammad Yousuf Munir <director.infra.smta@gmail.com>, Rafay Ali Laghari <rafay.laghari.smta@gmail.com>, Rafey Ahmed Siddiqui <rafey.ahmed@osmani.com>, danish.pppgos@gmail.com, managingdirector.smta@gmail.com, pd.kmp.ylc@gmail.com, sikande.shaikh@yahoo.com

Dear Sir,

Duly noted,

Will be responded to by 23rd July positively.

Regards,

Rafey

[Quoted text hidden]



6/24/2020

Gmail - Submission of EOI for Karachi Mobility Project - Yellow Line

 Gmail

SMTA INFRA <kmp.infra.smta@gmail.com>

## Submission of EOI for Karachi Mobility Project - Yellow Line

Rafay Ahmed Siddiqui <rafay.ahmed@osmani.com>

To: SMTA INFRA <kmp.infra.smta@gmail.com>

Cc: managingdirector.smta@gmail.com, pd.kmp.ylc@gmail.com, Chief.consultant.tmt@gmail.com, Rafay Ali Laghari <rafay.laghari.smta@gmail.com>, danish.pppgos@gmail.com, sikat Munir <director.infra.smta@gmail.com>, Consultant P & C TMTD <planning.smtc@gmail.com>

Dear Sir,

Please find attached answers to the above queries. All of the above queries have been answered except for the Financial Strength of M/s Spiro Pollalis Inc. as they have an obligation to provide certificates of proof of enrolment of good financial standing. It is requested that if our consortium meets the criteria for financial strength without M/s Spiro Pollalis, then otherwise please let us know an alternative apart from audited return statements.

Kindly let us know if there is a requirement to submit hard copies of this response.

Thanks & Best Regards,

Rafay A Siddiqui, PhD, PE  
PMP, ENVSP, LEED AP  
Executive Director  
Osmani & Company (Pvt.) Ltd.,

Consulting Engineers - Architects - Planners  
Osmani House, 245/2-K, Block-6, PECHS,  
Karachi-75400, Pakistan.  
Ph: +92-21-3454-6541/2, 3453-6007/8  
Fax: +92-21-34534691  
Web: www.osmani.com  
E-mail: ocl-khi@osmani.com

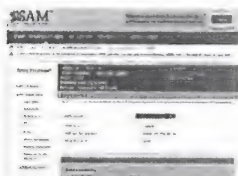
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### 8 attachments


WhatsApp Image 2020-07-23 at 1.58.62 PM.jpeg


WhatsApp Image 2020-07-23 at 1.58.62 PM.jpeg  
53K



Screen Shot 2020-07-16 at 7.02.28 PM.png  
433K

 Certificate\_of\_good\_standing.pdf  
152K

 Certification 2.pdf  
1301K

 Certification 1.pdf  
2900K

 EOI-PTC-SMTA-Karachi Mobility-Yellow BRT-R1.pdf  
5800K



86

8/24/2020

Gmail - Submittal EOI for Yellow Line BRT by TYPsa/MMP/AsCE



SMTA INFRA &lt;kmp.infra.smta@gmail.com&gt;

## Submittal EOI for Yellow Line BRT by TYPsa/MMP/AsCE

ADAME DE HEU PATRICIO &lt;padame@typsa.es&gt;

Thu, Jul 23, 2020 at 4:53 PM

To: SMTA INFRA &lt;kmp.infra.smta@gmail.com&gt;

Cc: Ejaz Alam <ejaz.alam@mmpakistan.com>, "managingdirector.smta@gmail.com" <managingdirector.smta@gmail.com>, Muhammad Yousuf Munir <director.infra.smta@gmail.com>, Rafay Ali Laghari <rafay.laghari.smta@gmail.com>, Consultant P & C TMTD <planning.smtc@gmail.com>, "Chief.consultant.tmtc@gmail.com" <Chief.consultant.tmtc@gmail.com>, "danish.pppgos@gmail.com" <danish.pppgos@gmail.com>, "sikande.shaikh@yahoo.com" <sikande.shaikh@yahoo.com>, "pd.kmp.ylc@gmail.com" <pd.kmp.ylc@gmail.com>, RODRIGUEZ CASTELLANOS ANTONIO <arcastellanos@typsa.es>

Dear Sir,

Please find the required information by your yesterday's mail. I hope this will meet with you requirements.

M/s Typsa JV M/s Mott McDonald Pakistan		
GENERAL TECHNICAL EXPERIENCE	CLARIFICATION / QUERY	Doc attached name
Project:  "Riyadh Metro Project (Package 3 – Lines 4,5 and 6)" — [Page No: 159]	Please provide a copy of contract agreement of this project. The certificate provided at Page 161 is signed without the mentioning of officer name / designation and other relevant details.	Please refer to documents CBE 1387,  1Riyadh Metro  13Riyadh Metro  Three of them attached
SPECIFIC TECHNICAL EXPERIENCE	CLARIFICATION / QUERY	
Project:  "New Transport System of Astana BRT – Phase 1" — [Page 207]	Please provide Certificate of completion / Copy of Contract Agreement stating the project cost, scope of services provided by M/s TYPsa and duration of services.	Please refer to  3ASTANA LRT  06-FM1389 CONTRACT 19_TR1365 MP Astana  three of them Attached
Project:  "Transport Planning study and Detailed design of Abu Dhabi Urban transport network" — [Page 222]	Please provide Certificate of completion / Copy of Contract Agreement stating the project cost, scope of services provided by M/s TYPsa and duration of services.	Please refer to doc named:  doc3091                      Abu Dhabi LRT                      ADDENDUM 7                      Transport Network DP AD

<https://mail.google.com/mail/u/3?ik=47ec4f8ef1&view=pt&search=all&permmsgid=msg-f%3A1673008487257104853&simpl=msg-f%3A16730084...> 1/3

8/24/2020

Gmail - Submittal EOI for Yellow Line BRT by TYPsa/MMP/AsCE

	four of them attached
FINANCIAL STRENGTH Clarification / Query	
TÉCNICA Y PROYECTOS S.A being a Lead partner has not submitted the Audited Financial Reports for the financial year 2019. Please provide the required document as being a mandatory requirement in the EOI.	Please refer to Balance sheet year 2019 Auditor's report not yet translated *by 15 days still

In the case you have still any query, please do not hesitate to address them to me

Kind regards

**Patricio M. Adame de Heu**

Country Manager, MEGD Pakistan | **TYPsa GROUP**

**Tel:** +92 423 545 0914-5 | **Fax:** +92 423 545 0916 | **Mobile:** +92 320 455 4558

**Email:** padame@typsa.com

**Address:** C-3, Jhelum Block, Green Forts-II | Lahore 54700 | Pakistan

[www.typsa.com](http://www.typsa.com)



Before printing this message, please be sure it is necessary.

This electronic transmission is strictly confidential and intended solely for the addressee. If you are not the intended addressee, you are kindly requested not to disclose nor to copy this transmission and to notify us as soon as possible.

8/24/2020












Gmail - Submittal EOI for Yellow Line BRT by TYP SA/MMP/AsCE

From: SMTA INFRA [mailto:kmp.infra.smta@gmail.com]  
Sent: Wednesday, July 15, 2020 2:37 PM  
To: ADAME DE HEU PATRICIO <padame@typsa.es>  
Cc: Ejaz Alam <ejaz.alam@mmpakistan.com>; managingdirector.smta@gmail.com; Muhammad Yousuf Munir <director.infra.smta@gmail.com>; Rafay Ali Laghari <rafay.laghari.smta@gmail.com>; Consultant P & C TMTD <planning.smtc@gmail.com>; Chief.consultant.tmt@gmail.com; danish.pppgos@gmail.com; sikande.shaikh@yahoo.com; pd.kmp.ylc@gmail.com  
Subject: Re: Submittal EOI for Yellow Line BRT by TYP SA/MMP/AsCE

Dear Mr. Patricio M. Adame de Heu,

[Quoted text hidden]

11 attachments

-  INFORME DE AUDITORIA TYP SA 2019\_castellano\_inglés\_numerado firmado.pdf  
3794K
-  Bce-Inglés € firmado.pdf  
354K
-  1-Riyadh Metro.pdf  
1731K
-  13-RiyadhMetro.pdf  
302K
-  01-CBE-1387-MetroRiad 10-12-16.pdf  
220K
-  Transport Network DP\_Abu Dhabi.pdf  
393K
-  3091.pdf  
3611K
-  AbuDhabi\_LRT.PDF  
3020K
-  Addendum No. 7.pdf  
2055K
-  19\_TR1365 Master Plan Astana contract summary.pdf  
470K
-  03-Astana\_LRT.PDF  
627K

The block contains several handwritten signatures and initials. At the top left is a signature that appears to be 'J'. To its right is a large '2A'. Further right is a signature that looks like 'M. Adame'. Below these are several other signatures and initials, including a large 'D', a signature that looks like 'Rafay', and a signature that looks like 'Danish'. There are also some initials that look like 'YH' and '7'.





MINUTES OF 9<sup>th</sup> and 10<sup>th</sup> CONSULTANT SELECTION COMMITTEE (CSC)  
MEETING - KARACHI MOBILITY PROJECT (YELLOW BRTS)

In the 8<sup>th</sup> CSC meeting, the CSC finalized the draft EOI evaluation report along-with the draft RFP and agreed to send the same to the World Bank for review and no-objection. Subsequently, on 4<sup>th</sup> September 2020 [Annexure A], the SMTA sent the draft RFP (including complete Terms of Reference) and draft EOI report to the World Bank for prior review pursuant to the World Bank procurement regulations.

The World Bank, through an email dated 8<sup>th</sup> September 2020, sent their comments on the draft EOI report, RFP and the TORs [Annexure B]. These comments were discussed in detail in the 9<sup>th</sup> CSC meeting, held on 11<sup>th</sup> September 2020, and the CSC reviewed the draft EOI report and the RFP with these comments incorporated.


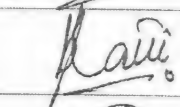

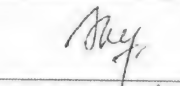
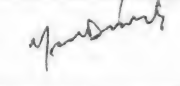
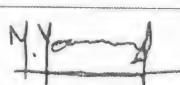
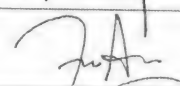

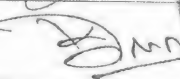
Accordingly, the reply to these comments were also reviewed and the CSC agreed to send the replies to the WB comments (vide email dated 8<sup>th</sup> September 2020), modified draft EOI evaluation report and the draft RFP back to the World Bank for their prior review and no-objection. Subsequently the same was sent to the World Bank on 18<sup>th</sup> September 2020 [Annexure C].

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No.	NAME OF CONSULTANT	LEAD FIRM – COUNTRY OF ORIGIN
1	Dar Al-Handasah Consultants (Shair and Partners) (lead partner) <b>JV</b> NESPAK - National Engineering Services Pakistan	Lebanon
2	M/s Khatib & Alami <b>JV</b> M/s Osmani & Company <b>JV</b> M/s Nama Consulting Engineers & Planners <b>JV</b> M/s Prof. Dr S.N. Pollalis Inc M/s Halcrow Pakistan	Lebanon
3	M/s SCE <b>JV</b> M/s Hill International <b>JV</b> M/s Logit <b>JV</b> M/s HHO <b>JV</b> M/s Exponent	France
4	M/s TYPISA <b>JV</b> M/s Mott McDonald Pakistan	Spain

Karachi, 10<sup>th</sup> September 2020

NO.	NAME OF THE CSC MEMBERS	SIGNATURE
1	Managing Director, SMTA (Mr. Iqtidar Ahmed)	
2	Project Director (Project Management Team – BRT Yellow Line) (Mr. Imran Bhatti)	
3	Chief Consultant, TMTD, GoS (Mr. Ashraf Lakho)	
4	Chief Transport, (P&D Department, GoS) (Mr. Sikander Sheikh)	
5	Director Finance, PPP Unit, Finance Department, GoS (Mr. Muhammad Danish)	
6	Director Infrastructure / Projects, SMTA, GoS (Mr. Muhammad Yousuf Munir)	
7	Director ITS, SMTA, GoS (Mr. Niaz Ali)	
8	Director Finance & Accounts, SMTA, GoS (Mr. Rafay Leghari)	
9	Deputy Director (Procurement), SMTA, GoS (Mr. Kashif Khan)	



Director Finance  
PPP Unit, Finance Department,  
Government of Sindh



Chief Transport  
Planning & Development Department,  
Government of Sindh



Project Director, Project Management Team  
Karachi Mobility Project (Yellow BRT)



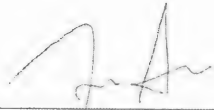
Chief Consultant  
Transport & Mass Transit Department  
Government of Sindh



Director Infrastructure / Projects,  
Sindh Mass Transit Authority  
Government of Sindh



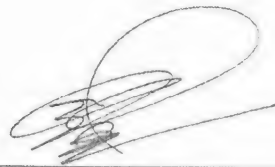
Director Finance & Accounts  
Sindh Mass Transit Authority  
Government of Sindh



Director (ITS)  
Sindh Mass Transit Authority  
Government of Sindh



Deputy Director (Contracts & Procurement)  
Sindh Mass Transit Authority  
Government of Sindh



Managing Director  
Sindh Mass Transit Authority  
Government of Sindh



MINUTES OF 9<sup>th</sup> and 10<sup>th</sup> CONSULTANT SELECTION COMMITTEE (CSC)  
MEETING - KARACHI MOBILITY PROJECT (YELLOW BRTS)

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Director Finance  
PPP Unit, Finance Department,  
Government of Sindh



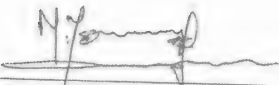
Chief Transport  
Planning & Development Department,  
Government of Sindh



Project Director, Project Management Team  
Karachi Mobility Project (Yellow BRT)



Chief Consultant  
Transport & Mass Transit Department  
Government of Sindh



Director Infrastructure / Projects,  
Sindh Mass Transit Authority  
Government of Sindh



Director Finance & Accounts  
Sindh Mass Transit Authority  
Government of Sindh



Director (ITS)  
Sindh Mass Transit Authority  
Government of Sindh



Deputy Director (Contracts & Procurement)  
Sindh Mass Transit Authority  
Government of Sindh



Managing Director  
Sindh Mass Transit Authority  
Government of Sindh

9/24/2020

Gmail - IBRD 89950 (P166732) - EOI Evaluation Report and RFP for prior review

ANNEXURE A



Muhammad Yousuf Munir <director.infra.smta@gmail.com>

## IBRD 89950 (P166732) - EOI Evaluation Report and RFP for prior review

Muhammad Yousuf Munir <director.infra.smta@gmail.com>

Fri, Sep 4, 2020 at 6:25 PM

To: Said Dahdah <sdahdah@worldbank.org>

Cc: Hasan Afzal Zaidi <hzaidi@worldbank.org>, Haider Raza <hraza@worldbank.org>, Project Director <pd.kmp.ylc@gmail.com>, Consultant P & C TMTD <planning.smtc@gmail.com>, Rafay Ali Laghari <rafay.laghari.smta@gmail.com>, "Iqtidar Ahmed (managingdirector.smta@gmail.com)" <managingdirector.smta@gmail.com>


Dear Mr Said,


Greetings to you and other team members from the World Bank. Please find attached the subject documents on Karachi Mobility Project for the prior review of the World Bank pursuant to the World Bank procurement regulations.

Please let us know if there are comments (or discussion needed) prior to the issue of NOC from the World Bank.

Best Regards,  
Yousuf Munir

### 3 attachments

 RfP-4Sept2020.docx  
346K

 TORs\_4Sept2020.docx  
758K

 EOI Report.pdf  
4536K



9/24/2020

Gmail - IBRD 89950 (P166732) - EOI Evaluation Report and RFP for prior review

A

M Gmail

Muhammad Yousuf Munir <director.infra.smta@gmail.com>

## IBRD 89950 (P166732) - EOI Evaluation Report and RFP for prior review

Said Dahdah <sdahdah@worldbank.org>

To: Muhammad Yousuf Munir <director.infra.smta@gmail.com>

Fri, Sep 4, 2020 at 6:48 PM

Cc: Hasan Afzal Zaidi <hzaidi@worldbank.org>, Haider Raza <hraza@worldbank.org>, Project Director <pd.kmp.ylc@gmail.com>, Consultant P & C TMTD <planning.smtc@gmail.com>, Rafay Ali Laghari <rafay.laghari.smta@gmail.com>, "Iqtidar Ahmed (managingdirector.smta@gmail.com)" <managingdirector.smta@gmail.com>

Dear Mr. Yousuf,

Good job indeed. I want to thank you and the rest of the selection committee members ( apology for not naming them individually) for pulling off this RFP.

Give us few days please and we will get back to you with comments , you then finalize and start uploading in STEP so we issue the formal No Objection in the system Inshallah..

On a separate note, I hope all your families are fine after the floods. Just so you know, I spoke to the Chief Minister last week, he asked me to help with the flood so I suggested we use the \$12.1 million for off-corridor improvements to fix drainage system where it is needed. This does not need any change to the project . So please take note of that in case it comes to your attention and let's start thinking of drainage and cleaning works that this Project can quickly support.

Have a good week end

Regards

Said

From: Muhammad Yousuf Munir <director.infra.smta@gmail.com>

Sent: Friday, September 04, 2020 4:26 PM

To: Said Dahdah <sdahdah@worldbank.org>

Cc: Hasan Afzal Zaidi <hzaidi@worldbank.org>, Haider Raza <hraza@worldbank.org>, Project Director <pd.kmp.ylc@gmail.com>, Consultant P & C TMTD <planning.smtc@gmail.com>, Rafay Ali Laghari <rafay.laghari.smta@gmail.com>, Iqtidar Ahmed (managingdirector.smta@gmail.com) <managingdirector.smta@gmail.com>

Subject: IBRD 89950 (P166732) - EOI Evaluation Report and RFP for prior review

[External]

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Secretary TMTD

Director General SMTD



9/11/2020

Gmail - IBRD 89950 (P166732) - EOI Evaluation Report and RFP for prior review

ANNEXURE

B

M Gmail

Muhammad Yousuf Munir <director.infra.smta@gmail.com>

## IBRD 89950 (P166732) - EOI Evaluation Report and RFP for prior review

Said Dahdah <sdahdah@worldbank.org>

To: Muhammad Yousuf Munir <director.infra.smta@gmail.com>

Tue, Sep 8, 2020 at 6:25 PM

Cc: Hasan Afzal Zaidi <hzaidi@worldbank.org>, Haider Raza <haza@worldbank.org>, Project Director <pd.kmp.ylc@gmail.com>, Consultant P & C TMTD <planning.smtc@gmail.com>, Rafay Ali Laghari <rafay.laghari.smta@gmail.com>, "Iqtidar Ahmed (managingdirector.smta@gmail.com)" <managingdirector.smta@gmail.com>

Dear Yousuf,

Let me start by congratulating you, the KMP Team and the Consultant Selection Committee in preparing and sharing the final drafts of the EOI Evaluation Report and the RFP which are well structured and in very good shape.

We have reviewed the EOI Evaluation Report and the RFP and our comments provided below. Please note that these are minor comments that you should be able to address in a day.

### EOI Evaluation Report & Short List

1. Please include an "Executive Summary" before the Introduction where you briefly describe the final outcome and list the names of the 4 shortlisted firms. We have also prepared (as a sample) a summary sheet in XL format where we have summarized the entire evaluation process. Please complete the sheet and attach this as an Annex to the Executive Summary;
2. There are missing information on the Financial Review in most of the cases. Please consider adding one-line conclusion on each consultant to reflect their financial position;
3. Please add the missing nationalities for each JV partner in the XL sheet.
4. Names of evaluation committee members are missing in two tables under section 3. Furthermore, there are no copies of decisions on establishment of the evaluation committee within the section 7 with appendices;
5. Text within the section 7, which explains the evaluation process, provides reference to Appendix 7. However, the whole section 7 is supposed to have various appendices with exact sub-titles. This is not something major, but the proper arrangement of document should be done;
6. Within the tables for general and specific experience for most of the applicants, certain rows are highlighted/shaded. It seems that these highlighted rows is to show which firms satisfy which criteria, so please specify that.
7. Eoi-5. Although not possessing relevant experience which directly leads to the conclusion that the applicant is not acceptable, it is questionable whether the lead partner should be disqualified for only year with negative net-worth. Interestingly, one of the partners in Eoi-6 is financially stable, although recording loss in 2019 - almost same issue.
8. In the concluding section with the proposed shortlist, the following is missing: date of finalization of the report, names of evaluation committee members and their signatures;
9. Section 7.2 bears the title "Decision on the appointment of the evaluation committee", however (as mentioned under the comment 4. above, it is missing). Instead, minutes of the evaluation committee meetings and correspondence with applicant is attached. These two should be separated under different sub-sections (7.3 and 7.4);

### Draft RFP

10. The draft RFP is reasonably complete. Please find attached some minor edits
11. There are certain additional requirements for Environmental and Social Safeguards which are currently missing from the draft RFP, also the Form of contract for Lump-Sum has been deleted from the RFP. It has to be added back because this Contract would require both forms of contracts (Design services should be covered under the Lump-Sum contract and the Construction Supervision should be covered under Time-Based Contract). This deletion has also made the table of content of the whole document unstable.
12. There is a need to add ToR to the RFP Section 7, after deleted what's in it. Please copy and paste the final ToR (after incorporating below comments on it) under the specified section of the RFP (Section 7);



5/11/2020

Gmail - IBRD 89950 (P166732) - EOI Evaluation Report and RFP for prior review

B

13. Section 1, E. Data Sheet
  - 2.3: In view of the circumstances, it would be better to have the pre-proposal conference online.
  - 28.1 and 34.2: The dates should not be defined precisely. It is proposed to have only month and year;
14. Section 8, III. SCC
  - The 0% interest for delayed payment is not acceptable. As long as we are aware of the fact that certain issues may arise which can prevent you for timely certification of contractors invoices and subsequent payment, 0% is discouraging and may cause indefinite holding of invoices. We recommend you insert suitable interest % for delayed payments e.g. KIBOR + 1% etc.

Please use the attached template (SPDRequestforProposalsConsultantsPREESFDDDecember2019) and move the data ( including our comments) from the draft RFP you prepared to this Dec 2019 version of the standard RFP document. **Sorry for this inconvenience** but this will help to capture the missing Environmental and Social requirements and the Lump-Sum form of Contract and will fix the Table of Content ( please don't delete any section, just delete the guidance provided and replace them with your text).

**ToR**

15. Please find attached our edits to the TOR- it mainly captures the E&S requirements as specified in the RFP Template.
16. Please include in the TOR that the Consultant will follow the SMTA's E&S Policy that is under development. ( we need to work on this Policy as required in RFP Section 7 template)
17. One idea that you may want to consider:

The last portion of the TOR includes a good sentence that will ensure that the key-staff members work from Karachi.

Since that won't be enough to secure the **Lead firm presence, engagement and ownership**, you could also require that some of the key experts are members of the Lead firm or be nominated as their associates (they have to present a clear proof of employment showing that they do not have relations with JV partners). Our proposal is to require in TOR Section 7 that the Senior Urban Road & BRT System Expert/Team Leader Design, Senior BRT Design, Senior Procurement Specialist, Chief Resident Engineer/Team Leader Construction and Senior Contract Management Specialist need to be from the **Lead firm and based in Karachi** for most of their required time.

Please let us know if you have any question. Maybe best to talk on the phone. Haider Sb. will also kindly reach out to you shortly.

Let's finalize the EOI report and RFP this week please because we need to send it to our Procurement Manager in DC for approval before you upload in STEP.

Good job again.

Best regards

Said

From: Muhammad Yousuf Munir <director.infra.smta@gmail.com>

Sent: Friday, September 04, 2020 4:26 PM

To: Said Dahdah <sdahdah@worldbank.org>

Cc: Hasan Afzal Zaidi <hzaidi@worldbank.org>; Haider Raza <hraza@worldbank.org>; Project Director <pd.kmp.ylc@gmail.com>; Consultant P & C TMTD <planning.smtc@gmail.com>; Rafay Ali Laghari <rafay.laghari.smta@gmail.com>; Iqtidar Ahmed (managingdirector.smta@gmail.com)

5/11/2020

Gmail - IBRD 89950 (P166732) - EOI Evaluation Report and RFP for prior review

<managingdirector.smta@gmail.com>


Subject: IBRD 89950 (P166732) - EOI Evaluation Report and RFP for prior review


[External]


Dear Mr Said,


[Quoted text hidden]

4 attachments

 EOI - Short List.xlsx  
14K

 SPDRequestforProposalsConsultantsPREESFDecember2019.docx  
480K

 RfP-4Sept2020\_WBcomments.docx  
351K

 TORs\_4Sept2020\_ts.docx  
766K

9/24/2020

Gmail - IBRD 89950 (P166732) - EOI Evaluation Report and RFP for prior review

ANNEXURE C



Muhammad Yousuf Munir &lt;director.infra.smta@gmail.com&gt;

## IBRD 89950 (P166732) - EOI Evaluation Report and RFP for prior review

Muhammad Yousuf Munir &lt;director.infra.smta@gmail.com&gt;

Fri, Sep 18, 2020 at 6:51 PM

To: Said Dahdah &lt;sdahtdah@worldbank.org&gt;

Cc: Hasan Afzal Zaidi &lt;hzaidi@worldbank.org&gt;, Haider Raza &lt;hraza@worldbank.org&gt;, Project Director &lt;pd.kmp.ylc@gmail.com&gt;, Consultant P. &amp; C TMTD &lt;planning.smtc@gmail.com&gt;, Rafay Ali Laghari &lt;rafay.laghari.smta@gmail.com&gt;, "Iqtidar Ahmed (managingdirector.smta@gmail.com)" &lt;managingdirector.smta@gmail.com&gt;

Dear Mr.Said,

Please find below a quick status of the comments from World Bank in the last email, on behalf of the Consultant Selection Committee. Please also find attached 1) EOI Evaluation Report and 2) RFP for No Objection. Subsequent to the No Objection, we will upload the same to STEP in pursuance to the WB procurement regulations.

EOI Evaluation Report & Short List		
01	Please include an "Executive Summary" before the Introduction where you briefly describe the final outcome and list the names of the 4 shortlisted firms. We have also prepared (as a sample) a summary sheet in XL format where we have summarized the entire evaluation process. Please complete the sheet and attach this as an Annex to the Executive Summary.	<p>Complied.</p> <p>Executive Summary is added in the EOI evaluation report.</p> <p>The Excel sheet is also updated and attached in the EOI evaluation report.</p>
02	There are missing information on the Financial Review in most of the cases. Please consider adding one-line conclusion on each consultant to reflect their financial position;	It is mentioned in the EOI evaluation report (section 5.1) that the Financial strength of only those consultant firms have been evaluated which were cleared on technical experience requirements.
03	Please add the missing nationalities for each JV partner in the XL sheet.	Complied.
04	Names of evaluation committee members are missing in two tables under section 3. Furthermore, there are no copies of decisions on establishment of the evaluation committee within the section 7 with appendices;	<p>Name of evaluation committee members is mentioned in the table under Section 6.</p> <p>The decisions on establishment of evaluation committee, in the form of GOS issued notifications, have been included in Section 7.2.</p>
05	Text within the section 7, which explains the evaluation process, provides reference to Appendix 7. However, the whole section 7 is supposed to have various appendices with exact sub-titles. This is not something major, but the proper arrangement of document should be done;	Complied
06	Within the tables for general and specific experience for most of the applicants, certain rows are highlighted/shaded. It seems that these highlighted rows is to show which firms satisfy which criteria, so please specify that .	The highlighting has been removed to avoid any confusion.
07	Eoi-5: Although not possessing relevant experience	The CSC has decided that the decision to



	which directly leads to the conclusion that the applicant is not acceptable. It is questionable whether the lead partner should be disqualified for only year with negative net-worth. Interestingly, one of the partners in EOI-6 is financially stable, although recording loss in 2019 - almost same issue	disqualify the consultant firm of EOI 5 is strictly on the basis of the EOI criteria published. Since, the EOI criteria mentions the positive net-worth requirement in last five years and not the profit/loss requirement, the decision has been taken accordingly.
<u>08</u>	In the concluding section with the proposed shortlist, the following is missing: date of finalization of the report, names of evaluation committee members and their signatures.	Complied.
<u>09</u>	Section 7.2 bears the title "Decision on the appointment of the evaluation committee", however (as mentioned under the comment 4. above, it is missing). Instead, minutes of the evaluation committee meetings and correspondence with applicant is attached. These two should be separated under different sub-sections (7.3 and 7.4);	Complied.
<b>DRAFT RFP</b>		
<u>10</u>	The draft RFP is reasonably complete. Please find attached some minor edits.	Complied.
<u>11</u>	There are certain additional requirements for Environmental and Social safeguards which are currently missing from the draft RFP; also the Form of contract for Lump-Sum has been deleted from the RFP. It has to be added back because this Contract would require both forms of contracts (Design services should be covered under the Lump-Sum contract and the Construction Supervision should be covered under Time-Based Contract). This deletion has also made the table of content of the whole document unstable.	Complied.
<u>12</u>	There is a need to add ToR to the RFP Section 7 after deleted what's in it. Please copy and paste the final ToR (after incorporating below comments on it) under the specified section of the RFP (Section 7);	Complied.
<u>13</u>	Section 1, E. Data Sheet - 2.3: In view of the circumstances, it would be better to have the pre-proposal conference online. - 28.1 and 34.2: The dates should not be defined precisely. It is proposed to have only month and year;	Noted.
<u>14</u>	Section 8, III. SCC  The 0% interest for delayed payment is not acceptable. As long as we are aware of the fact that certain issues may arise which can prevent you for timely certification of contractor's invoices and subsequent payment. 0% is discouraging and may cause indefinite holding of invoices. We recommend you insert suitable interest % for delayed payments e.g. KIBOR + 1% etc.	Noted. The CSC has decided to include 1% interest rate in the subject clause.




9/24/2020


Gmail - IBRD 89950 (P166732) - EOI Evaluation Report and RFP for prior review

	Please use the attached template (SPDRequestforProposalsConsultantsPREESFDDecember2019) and move the data (including our comments) from the draft RFP you prepared to this Dec 2019 version of the standard RFP document. <b>Sorry for this inconvenience</b> but this will help to capture the missing Environmental and Social requirements and the Lump-Sum form of Contract and will fix the Table of Content ( please don't delete any section, just delete the guidance provided and replace them with your text)	Complied.
<b>TERMS OF REFERENCE</b>		
15	Please find attached our edits to the TOR- it mainly captures the E&S requirements as specified in the RFP Template.	Accepted and complied.
16	Please include in the TOR that the Consultant will follow the SMTA's E&S Policy that is under development. ( we need to work on this Policy as required in RFP Section 7 template)	Noted
17	<p>The last portion of the TOR includes a good sentence that will ensure that the key-staff members work from Karachi.</p> <p>Since that won't be enough to secure the <b>Lead firm presence, engagement and ownership</b>, you could also require that some of the key experts are members of the Lead firm or be nominated as their associates (they have to present a clear proof of employment showing that they do not have relations with JV partners). Our proposal is to require in TOR Section 7 that the Senior Urban Road &amp; BRT System Expert/Team Leader Design, Senior BRT Design, Senior Procurement Specialist, Chief Resident Engineer/Team Leader Construction and Senior Contract Management Specialist need to be from the <b>Lead firm and based in Karachi</b> for most of their required time</p>	Noted. This is indeed very useful input and has been included in TORs (at Page 124 of RFP)

Regards,  
Yousuf Munir  
[Quoted text hidden]

2 attachments

 KMP\_RFP\_17Sept2020.docx  
1095K

 Draft Eoi report\_17Sept2020-merge.pdf  
8896K

9/24/2020

Gmail - IBRD 89950 (P166732) - EOI Evaluation Report and RFP for prior review

ANNEXURE

D



Muhammad Yousuf Munir <director.infra.smta@gmail.com>

## IBRD 89950 (P166732) - EOI Evaluation Report and RFP for prior review

Said Dahdah <sdahdah@worldbank.org>

Mon, Sep 21, 2020 at 1:18 PM

To: Muhammad Yousuf Munir <director.infra.smta@gmail.com>

Cc: Hasan Afzal Zaidi <hzaidi@worldbank.org>, Haider Raza <hraza@worldbank.org>, Project Director <pd.kmp.ylc@gmail.com>, Consultant P & C TMTD <planning.smtc@gmail.com>, Rafay Ali Laghari <rafay.laghari.smta@gmail.com>, "Iqtidar Ahmed (managingdirector.smta@gmail.com)" <managingdirector.smta@gmail.com>

Dear Mr. Yousuf,

Thank you for revising the RFP and EOI.

We took note of your changes and response to our comments, thank you so much for doing this response table, it is best practice to do that.

Please go ahead and submit in STEP and we will issue the NO in the system.

For the pre-bid proposal, I suggest you have it virtual so all International Lead Firms attend because they should attend. Also due to COVID\_19, we don't recommend you do face to face meetings at this point.

Regards

[Quoted text hidden]

9/24/2020

Gmail - IBRD 89950 (P166732) - EOI Evaluation Report and RFP for prior review

D



Muhammad Yousuf Munir <director.infra.smta@gmail.com>

## IBRD 89950 (P166732) - EOI Evaluation Report and RFP for prior review

Said Dahdah <sdahdah@worldbank.org>

Tue, Sep 22, 2020 at 4:45 PM

To: Muhammad Yousuf Munir <director.infra.smta@gmail.com>

Cc: Hasan Afzal Zaidi <hzaidi@worldbank.org>, Haider Raza <hraza@worldbank.org>, Project Director <pd.kmp.ylc@gmail.com>, Consultant P & C TMTD <planning.smtc@gmail.com>, Rafay Ali Laghari <rafay.laghari.smta@gmail.com>, "Iqtidar Ahmed (managingdirector.smta@gmail.com)" <managingdirector.smta@gmail.com>

Dear Mr. Yousuf,

I suggest the Notes to Consultant for Specific Experience but very specific and not a repetition of an EOI criteria, so I suggest the following Notes:

*[Notes to Consultant: the Client will assess whether the Consultant has experience in preparing detailed design and providing procurement support in Bus Rapid Transit (BRT) projects in Asia and the number of such completed projects]*

*[Notes to Consultant: the Client will assess whether the Consultant has experience in providing construction supervision services in Bus Rapid Transit (BRT) projects in Asia and the number of such completed projects]*

Subject to this change, you may submit the RFP in STEP.

[Quoted text hidden]

9/24/2020

Gmail - IBRD 89950 (P166732) - EOI Evaluation Report and RFP for prior review

D



Muhammad Yousuf Munir <director.infra.smta@gmail.com>

## IBRD 89950 (P166732) - EOI Evaluation Report and RFP for prior review

Muhammad Yousuf Munir <director.infra.smta@gmail.com>

Tue, Sep 22, 2020 at 4:03 PM

To: Said Dahdah <sdahdah@worldbank.org>

Cc: Hasan Afzal Zaidi <hzaidi@worldbank.org>, Haider Raza <haza@worldbank.org>, Project Director <pd.kmp.ylc@gmail.com>, Consultant P & C TMTD <planning.smtc@gmail.com>, Rafay Ali Laghari <rafay.laghari.smta@gmail.com>, "Iqtidar Ahmed (managingdirector.smta@gmail.com)" <managingdirector.smta@gmail.com>

Dear Mr Said,


Thank you for your email. Please note that we have incorporated the idea of Virtual Pre-Bid meeting in the RFP document.

Please refer to your meeting today earlier and our specific discussion on "Notes to Consultant" to be added in Section 21.1 of Data Sheet. Please refer to **Page Number 36 and 37** (highlighted yellow text) in the attached copy of RFP. We believe that this is quite relevant to add this text in there. Please confirm your feedback on the same.

Regards,

Yousuf Munir

[Quoted text hidden]

 KMP\_RFP\_17Sept2020 - Copy.docx  
1092K



10/19/2020

Gmail - Review Request for Evaluation of Expression of Interest and Short List of Consultants Submitted by SMTA for Pakistan - P...

 Gmail

ANNEXURE E  
Muhammad Yousuf Munir <director.infra.smta@gmail.com>

**Review Request for Evaluation of Expression of Interest and Short List of Consultants Submitted by SMTA for Pakistan - P166732 - Karachi Mobility Project - PK-SMTA-122605-CS-QCBS - Activity -1 Title: P**

STEP Admin <noreply@worldbankgroup.org>

To: hzaidi@worldbank.org, sdahdah@worldbank.org

Cc: ebhatti@gmail.com, director.infra.smta@gmail.com, rafay.laghari.smta@gmail.com, hraza@worldbank.org, managingdirector.smta@gmail.com, planning.smtc@gmail.com, pd.kmp.ylc@gmail.com

Tue, Sep 22, 2020 at 8:05 PM

Muhammad Yousuf- Sindh Mass Transit Authority has submitted Evaluation of Expression of Interest and Short List of Consultants for Pakistan - P166732 - Karachi Mobility Project - PK-SMTA-122605-CS-QCBS to the Bank for Review

Dear Mr Said,

Please find attached EOI Evaluation Report submitted for approval. As discussed, I have incorporated JV partner names of four shortlisted Firms in STEP as well.

Subsequent to this approval, we will further submit the RFP document for approval as well.

Regards,

Yousuf Munir.

STEP System Users - [Click here](#)

Bank Users - [Click here](#)



9/24/2020

Gmail - No Objection to Evaluation of Expression of Interest and Short List of Consultants submitted by SMTA for Pakistan - P

E

M Gmail

Muhammad Yousuf Munir &lt;director.infra.smta@gmail.com&gt;

**No Objection to Evaluation of Expression of Interest and Short List of Consultants submitted by SMTA for Pakistan - P166732 - Karachi Mobility Project - PK-SMTA-122605-CS-QCBS - Activity -1 Title: P**

STEP Admin &lt;noreply@worldbankgroup.org&gt;

To: director.infra.smta@gmail.com

Tue, Sep 22, 2020 at 8:09 PM

Cc: ebhatti@gmail.com, director.infra.smta@gmail.com, haza@worldbank.org, hzaidi@worldbank.org, pd.kmp.ylc@gmail.com, sdahdah@worldbank.org

Dear Muhammad Yousuf,

Pakistan-P166732:Karachi Mobility Project, Ln./Cr # IBRD-89950; No-Objection to Shortlist for Activity -1 Title: Procurement of Consulting Services for Detail design, procurement support and construction supervision – Quality And Cost-Based Selection – Reference No. PK-SMTA-122605-CS-QCBS

We have reviewed the shortlist evaluation report for the above-mentioned consulting services, submitted to the Bank on 2020/09/22. Based on the information provided, the Bank has no objection to the following qualified consultants being included in the shortlist.

Name of Consultant/Firm	Country
EXPONENT ENGINEERS (PVT.)	Pakistan
SCE AMENAGEMENT & ENVIRONNEMENT OF FRANCE	France
HILL INTERNATIONAL	Netherlands
HHO CONSULTING ENGINEERS (PTY) LTD	South Africa
LOGIT CONSULTING INC	United States
NATIONAL ENGINEERING SERVICES PAKISTAN (NESPAK) PVT. LTD.	Pakistan
DAR AL HANDASAH TALEB & PARTNERS	Lebanon
TYPSA CONSULTING ENGINEERS AND ARCHITECTS	Spain
M/S. MM PAKISTAN (PVT.) LTD	Pakistan
KHATIB AND AALAMI CONSOLIDATED ENGINEERING COMPANY S.A.L.	Lebanon
M/S: OSMANI CONSULTANTS	Pakistan
NAMA CONSULTING ENGINEERS AND PLANNERS	Greece
M/S HALCROW PAKISTAN (PVT.) LTD.	Pakistan
PROF. S.N.POLLALIS	United States

The following consultants may be held 'in reserve' in case any of the shortlisted consultants withdraws during the period allowed for submission of proposals.

Name of Consultant/Firm	Country
To be completed by preparer	

In order to avoid any perception of preference or ranking please ensure the names of the consultants and their countries of registration are included in the invitation (RFP) in alphabetical order. We look forward to receiving the

9/24/2020

Gmail - No Objection to Evaluation of Expression of Interest and Short List of Consultants submitted by SMTA for Pakistan - P...  
draft RFP which should include this shortlist for our review and no objection.

Best Regards,

Said Dahdah

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Bank Users - [Click here](#)



9/24/2020

Gmail - Review Request for Short List and Draft Request for Proposals Submitted by SMTA for Pakistan - P166732 - Karachi

ANNEXURE E



Muhammad Yousuf Munir <director.infra.smta@gmail.com>

**Review Request for Short List and Draft Request for Proposals Submitted by SMTA for Pakistan - P166732 - Karachi Mobility Project - PK-SMTA-122605-CS-QCBS - Activity -1 Title: P**

STEP Admin <noreply@worldbankgroup.org>

To: hzaidi@worldbank.org, sdahdah@worldbank.org

Cc: ebhatti@gmail.com, director.infra.smta@gmail.com, rafay.laghari.smta@gmail.com, hrzaa@worldbank.org, managingdirector.smta@gmail.com, planning.smtc@gmail.com, pd.kmp.ylc@gmail.com

Wed, Sep 23, 2020 at 1:48 PM

Muhammad Yousuf- Sindh Mass Transit Authority has submitted Short List and Draft Request for Proposals for Pakistan - P166732 - Karachi Mobility Project - PK-SMTA-122605-CS-QCBS to the Bank for Review

Dear Mr.Said,

In continuation to the No Objection on the Shortlisting of EOI report, please find attached Request for Proposal, cleared by the Consultant Selection Committee of SMTA for the NOC from World Bank. This document is prepared following the World Bank procurement regulations and best practices adopted in similar projects.

Regards,

Yousuf Munir

STEP System Users - Click here

Bank Users - Click here



22/09/2020

ANNEXURE F

---

## SELECTION OF CONSULTANTS

# Request for Proposals Consulting Services

### Procurement of:

*Consulting Services for Preparation of  
Detailed Design, Procurement Support and Construction  
Supervision for  
Karachi Mobility Project  
(Yellow Bus Rapid Transit)*

RFP No: PK-SMTA-122605-CS-QCBS

Client: Sindh Mass Transit Authority, Karachi

Country: Islamic Republic of Pakistan

Issued on: [insert date when RFP is sent to shortlisted firms]

The bottom of the page features several handwritten signatures and initials in black ink. There are approximately seven distinct marks, including a large stylized signature on the left, a smaller one in the center, and several others on the right side, some appearing to be initials or abbreviated names.

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PART III .....	231
Section 9. Notification of Intention to Award and Beneficial Ownership Forms .....	231

## PART I

### Section 1. Request for Proposal Letter

A collection of handwritten signatures and initials in dark ink, scattered in the lower half of the page. There are approximately six distinct marks, including a large stylized 'S' or 'J' at the top left, a signature with '11-10-01' written above it in the center, a signature to the right, a signature below the center, a signature at the bottom right, and a signature on the left.

## Request for Proposal Letter

### Consulting Services

**Name of Assignment:** Consulting Services in Preparation of Detailed Design, Procurement Support and Construction Supervision for Yellow Bus Rapid Transit Corridor

**RFP Reference No.:** PK-SMTA-122605-CS-QCBS

**Loan No./Credit No./ Grant No.:** IBRD-89950

**Country:** Islamic Republic of Pakistan

**Date:** [insert date when RFP is sent to shortlisted firms]

[insert: Name and Address of Consultant. In case of a Joint Venture (JV), full name of the JV and the names of each member as in the submitted Expression of Interest shall be used. **For each shortlisted consultant there has to be a separate letter.**]

Dear Mr. /Ms.: \_\_\_\_\_

1. The Islamic Republic of Pakistan [hereinafter called "the Borrower"] has received financing from the International Bank for Reconstruction and Development (IBRD) [the "Bank"] in the form of a loan [hereinafter called "loan"] toward the cost of Karachi Mobility Project (Yellow BRT). The Sindh Mass Transit Authority [the SMTA], an implementing agency of the Client, intends to apply a portion of the proceeds of this loan to eligible payments under the contract for which this Request for Proposals is issued. Payments by the Bank will be made only at the request of the Sindh Mass Transit Authority and upon approval by the Bank, and will be subject, in all respects, to the terms and conditions of the loan agreement. The loan agreement prohibits a withdrawal from the loan account for the purpose of any payment to persons or entities, or for any import of goods, if such payment or import, to the knowledge of the Bank, is prohibited by a decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations. No party other than the Sindh Mass Transit Authority shall derive any rights from the loan agreement or have any claims to the proceeds of the loan.
2. The Client now invites proposals to provide the following consulting services [hereinafter called "the Services"]:

**Consulting Services for Preparation of Detailed Design, Procurement Support and Construction Supervision.**

More details on the Services are provided in the Terms of Reference (Section 7).





3. This Request for Proposals (RFP) has been addressed to the following shortlisted Consultants:

- i. **M/s Typsa** (Spain) JV M/s Mott Medonald (Pakistan)
- ii. **M/s Khatib & Alami** (Lebanon) JV M/s Osmani & Company (Pakistan) JV M/s Nama Consulting Engineers & Planners JV M/s Prof. Dr S.N. Pollalis Inc JV M/s Halcrow (Pakistan)
- iii. **M/s SCE** (France) JV M/s Hill International JV M/s Logit JV M/s IHIO JV M/s Exponent (Pakistan)
- iv. **M/s Dar-al-Handasa** (Lebanon) in JV with M/s NESPAK (Pakistan)

4. It is not permissible to transfer this RFP to any other firm.
5. A firm will be selected under Quality and Cost Based Selection [QCBS] procedures and in a Full Technical Proposal [FTP] format as described in this RFP, in accordance with the Bank's "Procurement Regulations for IPF Borrowers" July 2016, revised November 2017 and August 2018 ["the Procurement Regulations"], which can be found at the following website: [www.worldbank.org](http://www.worldbank.org)

The RFP includes the following documents:

- Section 1 – Request for Proposals Letter
- Section 2 - Instructions to Consultants and Data Sheet
- Section 3 - Technical Proposal (FTP) - Standard Forms
- Section 4 - Financial Proposal - Standard Forms
- Section 5 – Eligible Countries
- Section 6 – Fraud and Corruption
- Section 7 - Terms of Reference
- Section 8 - Standard Forms of Contract (Time-Based and Lump-Sum)

6. Please inform us by [insert date], in writing at

**Project Director (Karachi Mobility Project)**  
**Sindh Mass Transit Authority**  
**Transport & Mass Transit Department, Government of Sindh**  
**House # D-43; Block 2; Scheme No. 5; Kehkashan, Clifton, Karachi, Pakistan**  
 or by E-mail to [kmp.infra.smta@gmail.com](mailto:kmp.infra.smta@gmail.com)

- (a) that you have received this Request for Proposals; and
  - (b) whether you intend to submit a proposal alone or intend to enhance your experience by requesting permission to associate with other firm(s) (if permissible under Section 2, Instructions to Consultants (ITC). Data Sheet 14.1.1).
7. Attention is drawn to the Procurement Regulations requiring the Borrower to disclose information on the successful Consultant's beneficial ownership, as part of the Contract

Award Notice, using the Beneficial Ownership Disclosure Form as included in the Request for Proposals.

8. Details on the proposal's submission date, time and address are provided in ITC 17.7 and ITC 17.9.

Yours sincerely,

Project Director (Karachi Mobility Project)

Sindh Mass Transit Authority

Transport & Mass Transit Department, Government of Sindh

House # D-43; Block 2; Scheme No. 5; Kehkashan, Clifton, Karachi, Pakistan

E-mail: [pd.kmp.slc@gmail.com](mailto:pd.kmp.slc@gmail.com) ; [kmp.infra.smta@gmail.com](mailto:kmp.infra.smta@gmail.com)

The bottom of the page features several handwritten signatures and initials in dark ink. From left to right, there is a signature that appears to be 'S. B.', followed by a set of initials 'N.W.' with a large 'H' or 'M' over them, and then two more distinct signatures, one of which is quite large and stylized.

## Section 2. Instructions to Consultants and Data Sheet

### TABLE OF CONTENT

A. General Provisions .....	Error! Bookmark not defined.
1. Definitions .....	Error! Bookmark not defined.
2. Introduction .....	Error! Bookmark not defined.
3. Conflict of Interest .....	Error! Bookmark not defined.
4. Unfair Competitive Advantage .....	Error! Bookmark not defined.
5. Fraud and Corruption .....	Error! Bookmark not defined.
6. Eligibility .....	Error! Bookmark not defined.
B. Preparation of Proposals .....	Error! Bookmark not defined.
7. General Considerations .....	Error! Bookmark not defined.
8. Cost of Preparation of Proposal .....	Error! Bookmark not defined.
9. Language .....	Error! Bookmark not defined.
10. Documents Comprising the Proposal .....	Error! Bookmark not defined.
11. Only One Proposal .....	Error! Bookmark not defined.
12. Proposal Validity .....	Error! Bookmark not defined.
13. Clarification and Amendment of RFP .....	Error! Bookmark not defined.
14. Preparation of Proposals Specific Considerations .....	Error! Bookmark not defined.
15. Technical Proposal Format and Content .....	Error! Bookmark not defined.
16. Financial Proposal .....	Error! Bookmark not defined.
C. Submission, Opening and Evaluation .....	Error! Bookmark not defined.
17. Submission, Sealing, and Marking of Proposals .....	Error! Bookmark not defined.
18. Confidentiality .....	Error! Bookmark not defined.
19. Opening of Technical Proposals .....	Error! Bookmark not defined.
20. Proposals Evaluation .....	Error! Bookmark not defined.
21. Evaluation of Technical Proposals .....	Error! Bookmark not defined.
22. Financial Proposals for QBS .....	Error! Bookmark not defined.
23. Public Opening of Financial Proposals (for QCBS, FBS, and LCS methods) ....	Error! Bookmark not defined.
<b>Bookmark not defined.</b>	
24. Correction of Errors .....	Error! Bookmark not defined.
25. Taxes .....	Error! Bookmark not defined.

26. Conversion to Single Currency .....	Error! Bookmark not defined.
27. Combined Quality and Cost Evaluation .....	Error! Bookmark not defined.
D. Negotiations and Award.....	Error! Bookmark not defined.
28. Negotiations .....	Error! Bookmark not defined.
29. Conclusion of Negotiations.....	Error! Bookmark not defined.
30. Standstill Period .....	Error! Bookmark not defined.
31. Notification of Intention to Award .....	Error! Bookmark not defined.
32. Notification of Award .....	Error! Bookmark not defined.
33. Debriefing by the Client.....	Error! Bookmark not defined.
34. Signing of Contract .....	Error! Bookmark not defined.
35. Procurement Related Complaint .....	Error! Bookmark not defined.
E. Data Sheet.....	31

Handwritten signature and initials, possibly reading "S. May" or similar, with a date "MAY 11" written above the signature.



## Instructions to Consultants

### A. General Provisions

#### 1. Definitions

- (a) "Affiliate(s)" means an individual or an entity that directly or indirectly controls, is controlled by, or is under common control with the Consultant.
- (b) "Applicable Law" means the laws and any other instruments having the force of law in the Client's country, or in such other country as may be specified in the **Data Sheet**, as they may be issued and in force from time to time.
- (c) "Bank" means the International Bank for Reconstruction and Development (IBRD) or the International Development Association (IDA).
- (d) "Borrower" means the Government, Government agency or other entity that signs the [loan/financing/grant]<sup>f</sup> agreement with the Bank.
- (e) "Client" means the implementing agency that signs the Contract for the Services with the selected Consultant.
- (f) **Client's Personnel** is as defined in Clause GCC 1.1(e).
- (g) "Consultant" means a legally-established professional consulting firm or an entity that may provide or provides the Services to the Client under the Contract.
- (h) "Contract" means a legally binding written agreement signed between the Client and the Consultant and includes all the attached documents listed in its Clause 1 (the General Conditions of Contract (GCC), the Special Conditions of Contract (SCC), and the Appendices).
- (i) **Contractor** is as defined in Clause GCC 1.1(h).
- (j) **Contractor's Personnel** is as defined in Clause GCC 1.1(i).
- (k) "Data Sheet" means an integral part of the Instructions to Consultants (ITC) Section 2 that is used to reflect specific country and assignment conditions to supplement, but not to over-write, the provisions of the ITC.
- (l) "Day" means a calendar day, unless otherwise specified as "Business Day". A Business Day is any day that is an official working day of the Borrower. It excludes the

<sup>f</sup> ["loan agreement" term is used for IBRD loans; "financing agreement" is used for IDA credits, and "grant agreement" is used for Recipient-Executed Trust Funds administered by IBRD or IDA]

Borrower's official public holidays.

- (m) **"ES"** means environmental and social (including Sexual Exploitation and Abuse (SEA) and Sexual Harassment (SH)).
- (n) **"Experts"** means, collectively, Key Experts, Non-Key Experts, or any other personnel of the Consultant, Sub-consultant or Joint Venture member(s).
- (o) **"Government"** means the government of the Client's country.
- (p) **"in writing"** means communicated in written form (e.g. by mail, e-mail, fax, including, if specified in the Data Sheet, distributed or received through the electronic-procurement system used by the Client) with proof of receipt.
- (q) **"Joint Venture (JV)"** means an association with or without a legal personality distinct from that of its members, of more than one Consultant where one member has the authority to conduct all business for and on behalf of any and all the members of the JV, and where the members of the JV are jointly and severally liable to the Client for the performance of the Contract.
- (r) **"Key Expert(s)"** means an individual professional whose skills, qualifications, knowledge and experience are critical to the performance of the Services under the Contract and whose CV is taken into account in the technical evaluation of the Consultant's proposal.
- (s) **"ITC"** (this Section 2 of the RFP) means the Instructions to Consultants that provides the shortlisted Consultants with all information needed to prepare their Proposals.
- (t) **"Non-Key Expert(s)"** means an individual professional provided by the Consultant or its Sub-consultant and who is assigned to perform the Services or any part thereof under the Contract and whose CVs are not evaluated individually.
- (u) **"Proposal"** means the Technical Proposal and the Financial Proposal of the Consultant.
- (v) **"RFP"** means the Request for Proposals to be prepared by the Client for the selection of Consultants, based on the SPD - RFP.
- (w) **"Services"** means the work to be performed by the Consultant pursuant to the Contract.
- (x) **"Sexual Exploitation and Abuse" "(SEA)"** means the following:

**Sexual Exploitation** is defined as any actual or attempted abuse of position of vulnerability.






differential power or trust, for sexual purposes, including, but not limited to, profiting monetarily, socially or politically from the sexual exploitation of another.

**Sexual Abuse** is defined as the actual or threatened physical intrusion of a sexual nature, whether by force or under unequal or coercive conditions.

- (y) **"Sexual Harassment"** **"(SH)"**\* is defined as unwelcome sexual advances, requests for sexual favors, and other verbal or physical conduct of a sexual nature by the Experts with other Experts, Contractor's (if applicable) or Client's Personnel.
- (z) **"SPD - RFP"** means the Standard Procurement Document - Request for Proposals, which must be used by the Client as the basis for the preparation of the RFP.
- (aa) **"Services"** means the work to be performed by the Consultant pursuant to the Contract.
- (bb) **"Sub-consultant"** means an entity to whom the Consultant intends to subcontract any part of the Services while the Consultant remains responsible to the Client during the whole performance of the Contract.
- (cc) **"Terms of Reference (TORs)"** (this Section 7 of the RFP) means the Terms of Reference that explains the objectives, scope of work, activities, and tasks to be performed, respective responsibilities of the Client and the Consultant, and expected results and deliverables of the assignment.

\*In the context of supervision of infrastructure contracts (such as Works or Plant) and other consulting services where the social risks are substantial or high, a non-exhaustive list of (i) behaviors which constitute SEA and (ii) behaviors which constitute SH is attached to the Code of Conduct form in Section 3.

## 2. Introduction

- 2.1 The Client named in the **Data Sheet** intends to select a Consultant from those listed in the Request for Proposals (RFP), in accordance with the method of selection specified in the **Data Sheet**.
- 2.2 The shortlisted Consultants are invited to submit a Technical Proposal and a Financial Proposal, or a Technical Proposal only, as specified in the **Data Sheet**, for consulting services required for the assignment named in the **Data Sheet**. The Proposal will be the basis for

negotiating and ultimately signing the Contract with the selected Consultant.

- 2.3 The Consultants should familiarize themselves with the local conditions and take them into account in preparing their Proposals, including attending a pre-proposal conference if one is specified in the **Data Sheet**. Attending any such pre-proposal conference is optional and is at the Consultants' expense.
- 2.4 The Client will timely provide, at no cost to the Consultants, the inputs, relevant project data, and reports required for the preparation of the Consultant's Proposal as specified in the **Data Sheet**.

### 3. Conflict of Interest

- 3.1 The Consultant is required to provide professional, objective, and impartial advice, at all times holding the Client's interests paramount, strictly avoiding conflicts with other assignments or its own corporate interests, and acting without any consideration for future work.
- 3.2 The Consultant has an obligation to disclose to the Client any situation of actual or potential conflict that impacts its capacity to serve the best interest of its Client. Failure to disclose such situations may lead to the disqualification of the Consultant or the termination of its Contract and/or sanctions by the Bank.
- 3.2.1 Without limitation on the generality of the foregoing, the Consultant shall not be hired under the circumstances set forth below:

#### a. Conflicting Activities

- (i) Conflict between consulting activities and procurement of goods, works or non-consulting services: a firm that has been engaged by the Client to provide goods, works, or non-consulting services for a project, or any of its Affiliates, shall be disqualified from providing consulting services resulting from or directly related to those goods, works, or non-consulting services. Conversely, a firm hired to provide consulting services for the preparation or implementation of a project, or any of its Affiliates, shall be disqualified from subsequently providing goods or works or non-consulting services resulting from or directly related to the consulting services for such preparation or implementation.

#### b. Conflicting Assignments

- (ii) Conflict among consulting assignments: a Consultant (including its Experts and Sub-consultants) or any of its Affiliates shall not be hired for any assignment

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that, by its nature, may be in conflict with another assignment of the Consultant for the same or for another Client.

c. **Conflicting Relationships**

- (iii) Relationship with the Client's staff: a Consultant (including its Experts and Sub-consultants) that has a close business or family relationship with a professional staff of the Borrower (or of the Client, or of implementing agency, or of a recipient of a part of the Bank's financing) who are directly or indirectly involved in any part of (i) the preparation of the Terms of Reference for the assignment, (ii) the selection process for the Contract, or (iii) the supervision of the Contract, may not be awarded a Contract, unless the conflict stemming from this relationship has been resolved in a manner acceptable to the Bank throughout the selection process and the execution of the Contract.

4. **Unfair Competitive Advantage**

- 4.1 Fairness and transparency in the selection process require that the Consultants or their Affiliates competing for a specific assignment do not derive a competitive advantage from having provided consulting services related to the assignment in question. To that end, the Client shall indicate in the **Data Sheet** and make available to all shortlisted Consultants together with this RFP all information that would in that respect give such Consultant any unfair competitive advantage over competing Consultants.

5. **Fraud and Corruption**

- 5.1 The Bank requires compliance with the Bank's Anti-Corruption Guidelines and its prevailing sanctions policies and procedures as set forth in the WBG's Sanctions Framework, as set forth in Section 6.
- 5.2 In further pursuance of this policy, Consultants shall permit and shall cause their agents (where declared or not), subcontractors, subconsultants, service providers, suppliers, and their personnel, to permit the Bank to inspect all accounts, records and other documents relating to any shortlisting process, Proposal submission, and contract performance (in the case of award), and to have them audited by auditors appointed by the Bank.

6. **Eligibility**

- 6.1 The Bank permits consultants (individuals and firms, including Joint Ventures and their individual members) from all countries to offer consulting services for Bank-financed projects.

6.2 Furthermore, it is the Consultant's responsibility to ensure that its Experts, joint venture members, Sub-consultants, agents (declared or not), sub-contractors, service providers, suppliers and/or their employees meet the eligibility requirements as established by the Bank in the applicable Procurement Regulations

6.3 As an exception to the foregoing ITC 6.1 and ITC 6.2 above:

**a. Sanctions**

6.3.1 A Consultant that has been sanctioned by the Bank pursuant to the Bank's Anti-Corruption Guidelines and in accordance with its prevailing sanctions policies and procedures as set forth in the WBG's Sanctions Framework as described in Section VI. Fraud and Corruption, paragraph 2.2 d., shall be ineligible to be shortlisted for, submit proposals for, or be awarded a Bank-financed contract or benefit from a Bank-financed contract, financially or otherwise, during such period of time as the Bank shall have determined. The list of debarred firms and individuals is available at the electronic address specified in the PDS.

**b. Prohibitions**

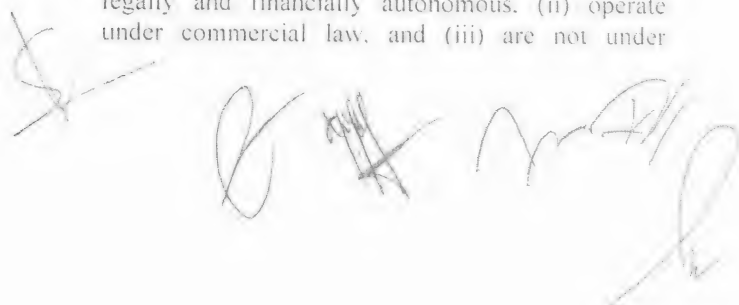
6.3.2 Firms and individuals of a country or goods manufactured in a country may be ineligible if so indicated in Section 5 (Eligible Countries) and:

(a) as a matter of law or official regulations, the Borrower's country prohibits commercial relations with that country, provided that the Bank is satisfied that such exclusion does not preclude effective competition for the provision of Services required; or

(b) by an act of compliance with a decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations, the Borrower's Country prohibits any import of goods from that country or any payments to any country, person, or entity in that country.

**c. Restrictions for State-Owned Enterprises**

6.3.3 State-owned enterprises or institutions in the Borrower's country may be eligible to compete and be awarded a contract only if they can establish, in a manner acceptable to the Bank, that they: (i) are legally and financially autonomous, (ii) operate under commercial law, and (iii) are not under



supervision of the Client.

**d. Restrictions for  
Public Employees**

6.3.4 Government officials and civil servants of the Borrower's country are not eligible to be included as Experts, individuals, or members of a team of Experts in the Consultant's Proposal unless:

- (i) the services of the government official or civil servant are of a unique and exceptional nature, or their participation is critical to project implementation; and
- (ii) their hiring would not create a conflict of interest, including any conflict with employment or other laws, regulations, or policies of the Borrower.

**e. Borrower  
Debarment**

6.3.5 A firm that is under a sanction of debarment by the Borrower from being awarded a contract is eligible to participate in this procurement, unless the Bank, at the Borrower's request, is satisfied that the debarment; (a) relates to fraud or corruption, and (b) followed a judicial or administrative proceeding that afforded the firm adequate due process.

## **B. Preparation of Proposals**

**7. General  
Considerations**

7.1 In preparing the Proposal, the Consultant is expected to examine the RFP in detail. Material deficiencies in providing the information requested in the RFP may result in rejection of the Proposal.

**8. Cost of  
Preparation of  
Proposal**

8.1 The Consultant shall bear all costs associated with the preparation and submission of its Proposal, and the Client shall not be responsible or liable for those costs, regardless of the conduct or outcome of the selection process. The Client is not bound to accept any proposal, and reserves the right to annul the selection process at any time prior to Contract award, without thereby incurring any liability to the Consultant.

**9. Language**

9.1 The Proposal, as well as all correspondence and documents relating to the Proposal exchanged between the Consultant and the Client, shall be written in the language(s) specified in the **Data Sheet**.

**10. Documents  
Comprising the**

10.1 The Proposal shall comprise the documents and forms listed in the **Data Sheet**.

- Proposal**
- 10.2 If specified in the **Data Sheet**, the Consultant shall include a statement of an undertaking of the Consultant to observe, in competing for and executing a contract, the Client country's laws against fraud and corruption (including bribery).
- 10.3 The Consultant shall furnish information on commissions, gratuities, and fees, if any, paid or to be paid to agents or any other party relating to this Proposal and, if awarded, Contract execution, as requested in the Financial Proposal submission form (Section 4).
- 11. Only One Proposal**
- 11.1 The Consultant (including the individual members of any Joint Venture) shall submit only one Proposal, either in its own name or as part of a Joint Venture in another Proposal. If a Consultant, including any Joint Venture member, submits or participates in more than one proposal, all such proposals shall be disqualified and rejected. This does not, however, preclude a Sub-consultant, or the Consultant's staff from participating as Key Experts and Non-Key Experts in more than one Proposal when circumstances justify and if stated in the **Data Sheet**.
- 12. Proposal Validity**
- 12.1 Proposals shall remain valid until the date specified in the **Data Sheet** or any extended date if amended by the Client in accordance with ITC 13.1.1.
- 12.2 During this period, the Consultant shall maintain its original Proposal without any change, including the availability of the Key Experts, the proposed rates and the total price.
- 12.3 If it is established that any Key Expert nominated in the Consultant's Proposal was not available at the time of Proposal submission or was included in the Proposal without his/her confirmation, such Proposal shall be disqualified and rejected for further evaluation, and may be subject to sanctions in accordance with ITC 5.
- a. Extension of Validity Period**
- 12.4 The Client will make its best effort to complete the negotiations and award the contract within the proposal's validity period. However, should the need arise, the Client may request, in writing, all Consultants who submitted Proposals prior to the submission deadline to extend the Proposals' validity.
- 12.5 If the Consultant agrees to extend the validity of its Proposal, it shall be done without any change in the original Proposal and with the confirmation of the

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availability of the Key Experts, except as provided in ITC 12.7.

12.6 The Consultant has the right to refuse to extend the validity of its Proposal in which case such Proposal will not be further evaluated.

**b. Substitution of Key Experts at Validity Extension**

12.7 If any of the Key Experts become unavailable for the extended validity period, the Consultant shall seek to substitute another Key Expert. The Consultant shall provide a written adequate justification and evidence satisfactory to the Client together with the substitution request. In such case, a substitute Key Expert shall have equal or better qualifications and experience than those of the originally proposed Key Expert. The technical evaluation score, however, will remain to be based on the evaluation of the CV of the original Key Expert.

12.8 If the Consultant fails to provide a substitute Key Expert with equal or better qualifications, or if the provided reasons for the replacement or justification are unacceptable to the Client, such Proposal will be rejected with the prior Bank's no objection.

**c. Sub-Contracting**

12.9 The Consultant shall not subcontract the whole of the Services.

**13. Clarification and Amendment of RFP**

13.1 The Consultant may request a clarification of any part of the RFP during the period indicated in the **Data Sheet** before the Proposals' submission deadline. Any request for clarification must be sent in writing, or by standard electronic means, to the Client's address indicated in the **Data Sheet**. The Client will respond in writing, or by standard electronic means, and will send written copies of the response (including an explanation of the query but without identifying its source) to all shortlisted Consultants. Should the Client deem it necessary to amend the RFP as a result of a clarification, it shall do so following the procedure described below:

13.1.1 At any time before the proposal submission deadline, the Client may amend the RFP by issuing an amendment in writing or by standard electronic means. The amendment shall be sent to all shortlisted Consultants and will be binding on them. The shortlisted Consultants shall acknowledge receipt of all amendments in writing.

13.1.2 If the amendment is substantial, the Client may extend the proposal submission deadline to give the shortlisted Consultant's reasonable time to take

an amendment into account in their Proposals.

- 13.2 The Consultant may submit a modified Proposal or a modification to any part of it at any time prior to the proposal submission deadline. No modifications to the Technical or Financial Proposal shall be accepted after the deadline.

**14. Preparation of  
Proposals Specific  
Considerations**

- 14.1 While preparing the Proposal, the Consultant must give particular attention to the following:

14.1.1 If a shortlisted Consultant considers that it may enhance its expertise for the assignment by associating with other consultants in the form of a Joint Venture or as Sub-consultants, it may do so with either (a) non-shortlisted Consultant(s), or (b) shortlisted Consultants if permitted in the **Data Sheet**. In all such cases a shortlisted Consultant must obtain the written approval of the Client prior to the submission of the Proposal. When associating with non-shortlisted firms in the form of a joint venture or a sub-consultancy, the shortlisted Consultant shall be a lead member. If shortlisted Consultants associate with each other, any of them can be a lead member.

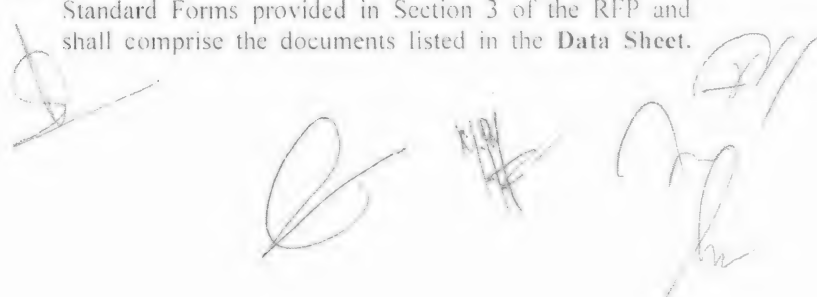
14.1.2 The Client may indicate in the **Data Sheet** the estimated Key Experts' time input (expressed in person-month) or the Client's estimated total cost of the assignment, but not both. This estimate is indicative and the Proposal shall be based on the Consultant's own estimates for the same.

14.1.3 If stated in the **Data Sheet**, the Consultant shall include in its Proposal at least the same time input (in the same unit as indicated in the **Data Sheet**) of Key Experts, failing which the Financial Proposal will be adjusted for the purpose of comparison of proposals and decision for award in accordance with the procedure in the **Data Sheet**.

14.1.4 For assignments under the Fixed-Budget selection method, the estimated Key Experts' time input is not disclosed. Total available budget, with an indication whether it is inclusive or exclusive of taxes, is given in the **Data Sheet**, and the Financial Proposal shall not exceed this budget.

**15. Technical  
Proposal Format  
and Content**

- 15.1 The Technical Proposal shall be prepared using the Standard Forms provided in Section 3 of the RFP and shall comprise the documents listed in the **Data Sheet**.

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The Technical Proposal shall not include any financial information. A Technical Proposal containing material financial information shall be declared non-responsive.

15.1.1 Consultant shall not propose alternative Key Experts. Only one CV shall be submitted for each Key Expert position. Failure to comply with this requirement will make the Proposal non-responsive.

15.2 Depending on the nature of the assignment, the Consultant is required to submit a Full Technical Proposal (FTP), or a Simplified Technical Proposal (STP) as indicated in the **Data Sheet** and using the Standard Forms provided in Section 3 of the RFP.

#### 16. Financial Proposal

16.1 The Financial Proposal shall be prepared using the Standard Forms provided in Section 4 of the RFP. It shall list all costs associated with the assignment, including (a) remuneration for Key Experts and Non-Key Experts. (b) reimbursable expenses indicated in the **Data Sheet**.

##### a. Price Adjustment

16.2 For assignments with a duration exceeding 18 months, a price adjustment provision for foreign and/or local inflation for remuneration rates applies if so stated in the **Data Sheet**.

##### b. Taxes

16.3 The Consultant and its Sub-consultants and Experts are responsible for meeting all tax liabilities arising out of the Contract unless stated otherwise in the **Data Sheet**. Information on taxes in the Client's country is provided in the **Data Sheet**.

##### c. Currency of Proposal

16.4 The Consultant may express the price for its Services in the currency or currencies as stated in the **Data Sheet**. If indicated in the **Data Sheet**, the portion of the price representing local cost shall be stated in the national currency.

##### d. Currency of Payment

16.5 Payment under the Contract shall be made in the currency or currencies in which the payment is requested in the Proposal.

### C. Submission, Opening and Evaluation

#### 17. Submission, Sealing, and Marking of

17.1 The Consultant shall submit a signed and complete Proposal comprising the documents and forms in accordance with ITC 10 (Documents Comprising

## Proposals

Proposal). Consultants shall mark as "CONFIDENTIAL" information in their Proposals which is confidential to their business. This may include proprietary information, trade secrets or commercial or financially sensitive information. The submission can be done by mail or by hand. If specified in the **Data Sheet**, the Consultant has the option of submitting its Proposals electronically.

- 17.2 An authorized representative of the Consultant shall sign the original submission letters in the required format for both the Technical Proposal and, if applicable, the Financial Proposal and shall initial all pages of both. The authorization shall be in the form of a written power of attorney attached to the Technical Proposal.

17.2.1 A Proposal submitted by a Joint Venture shall be signed by all members so as to be legally binding on all members, or by an authorized representative who has a written power of attorney signed by each member's authorized representative.

- 17.3 Any modifications, revisions, interlineations, erasures, or overwriting shall be valid only if they are signed or initialed by the person signing the Proposal.

- 17.4 The signed Proposal shall be marked "ORIGINAL", and its copies marked "COPY" as appropriate. The number of copies is indicated in the **Data Sheet**. All copies shall be made from the signed original. If there are discrepancies between the original and the copies, the original shall prevail.

- 17.5 The original and all the copies of the Technical Proposal shall be placed inside a sealed envelope clearly marked "TECHNICAL PROPOSAL", "[Name of the Assignment]", [reference number], [name and address of the Consultant], and with a warning "DO NOT OPEN UNTIL [INSERT THE DATE AND THE TIME OF THE TECHNICAL PROPOSAL SUBMISSION DEADLINE]."

- 17.6 Similarly, the original Financial Proposal (if required for the applicable selection method) and its copies shall be placed inside of a separate sealed envelope clearly marked "FINANCIAL PROPOSAL", "[Name of the Assignment]", [reference number], [name and address of the Consultant], and with a warning "DO NOT OPEN WITH THE TECHNICAL PROPOSAL."

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17.7 The sealed envelopes containing the Technical and Financial Proposals shall be placed into one outer envelope and sealed. This outer envelope shall be addressed to the Client and bear the submission address, RFP reference number, the name of the assignment, the Consultant's name and the address, and shall be clearly marked "Do Not Open Before [insert the time and date of the submission deadline indicated in the **Data Sheet**]".

17.8 If the envelopes and packages with the Proposal are not sealed and marked as required, the Client will assume no responsibility for the misplacement, loss, or premature opening of the Proposal.

17.9 The Proposal or its modifications must be sent to the address indicated in the **Data Sheet** and received by the Client no later than the deadline indicated in the **Data Sheet**, or any extension to this deadline. Any Proposal or its modification received by the Client after the deadline shall be declared late and rejected, and promptly returned unopened.

#### 18. Confidentiality

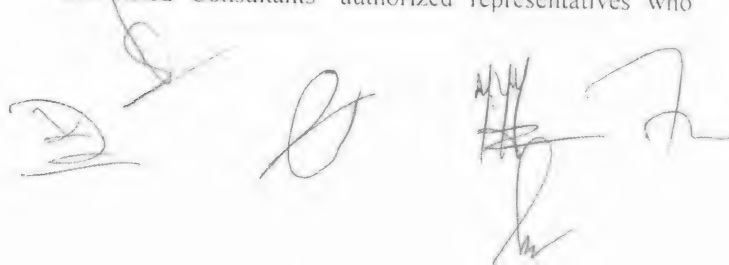
18.1 From the time the Proposals are opened to the time the Contract is awarded, the Consultant should not contact the Client on any matter related to its Technical and/or Financial Proposal. Information relating to the evaluation of Proposals and award recommendations shall not be disclosed to the Consultants who submitted the Proposals or to any other party not officially concerned with the process, until the Notification of Intention to Award the Contract. Exceptions to this ITC are where the Client notifies Consultants of the results of the evaluation of the Technical Proposals.

18.2 Any attempt by shortlisted Consultants or anyone on behalf of the Consultant to influence improperly the Client in the evaluation of the Proposals or Contract award decisions may result in the rejection of its Proposal, and may be subject to the application of prevailing Bank's sanctions procedures.

18.3 Notwithstanding the above provisions, from the time of the Proposals' opening to the time of Contract award publication, if a Consultant wishes to contact the Client or the Bank on any matter related to the selection process, it shall do so only in writing.

#### 19. Opening of Technical Proposals

19.1 The Client's evaluation committee shall conduct the opening of the Technical Proposals in the presence of the shortlisted Consultants' authorized representatives who

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choose to attend (in person, or online if this option is offered in the **Data Sheet**). The opening date, time and the address are stated in the **Data Sheet**. The envelopes with the Financial Proposal shall remain sealed and shall be securely stored with a reputable public auditor or independent authority until they are opened in accordance with ITC 23.

- 19.2 At the opening of the Technical Proposals the following shall be read out: (i) the name and the country of the Consultant or, in case of a Joint Venture, the name of the Joint Venture, the name of the lead member and the names and the countries of all members; (ii) the presence or absence of a duly sealed envelope with the Financial Proposal; (iii) any modifications to the Proposal submitted prior to proposal submission deadline; and (iv) any other information deemed appropriate or as indicated in the **Data Sheet**.

#### 20. Proposals Evaluation

- 20.1 Subject to provision of ITC 15.1, the evaluators of the Technical Proposals shall have no access to the Financial Proposals until the technical evaluation is concluded and the Bank issues its "no objection", if applicable.
- 20.2 The Consultant is not permitted to alter or modify its Proposal in any way after the proposal submission deadline except as permitted under ITC 12.7. While evaluating the Proposals, the Client will conduct the evaluation solely on the basis of the submitted Technical and Financial Proposals.

#### 21. Evaluation of Technical Proposals

- 21.1 The Client's evaluation committee shall evaluate the Technical Proposals on the basis of their responsiveness to the Terms of Reference and the RFP, applying the evaluation criteria, sub-criteria, and point system specified in the **Data Sheet**. Each responsive Proposal will be given a technical score. A Proposal shall be rejected at this stage if it does not respond to important aspects of the RFP or if it fails to achieve the minimum technical score indicated in the **Data Sheet**.

#### 22. Financial Proposals for QBS

- 22.1 Following the ranking of the Technical Proposals, when the selection is based on quality only (QBS), the top-ranked Consultant is invited to negotiate the Contract.
- 22.2 If Financial Proposals were invited together with the Technical Proposals, only the Financial Proposal of the technically top-ranked Consultant is opened by the Client's evaluation committee. All other Financial Proposals are returned unopened after the Contract

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negotiations are successfully concluded and the Contract is signed.

**23. Public Opening of Financial Proposals (for QCBS, FBS, and LCS methods)**

23.1 After the technical evaluation is completed and the Bank has issued its no objection (if applicable), the Client shall notify those Consultants whose Proposals were considered non-responsive to the RFP and TOR or did not meet the minimum qualifying technical score, advising them the following:

- (i) their Proposal was not responsive to the RFP and TOR or did not meet the minimum qualifying technical score;
- (ii) provide information relating to the Consultant's overall technical score, as well as scores obtained for each criterion and sub-criterion;
- (iii) their Financial Proposals will be returned unopened after completing the selection process and Contract signing; and
- (iv) notify them of the date, time and location of the public opening of the Financial Proposals and invite them to attend.

23.2 The Client shall simultaneously notify in writing those Consultants whose Proposals were considered responsive to the RFP and TOR, and that have achieved the minimum qualifying technical score, advising them the following:

- (i) their Proposal was responsive to the RFP and TOR and met the minimum qualifying technical score;
- (ii) provide information relating to the Consultant's overall technical score, as well as scores obtained for each criterion and sub-criterion;
- (iii) their Financial Proposal will be opened at the public opening of Financial Proposals; and
- (iv) notify them of the date, time and location of the public opening and invite them for the opening of the Financial Proposals.

23.3 The opening date should allow the Consultants sufficient time to make arrangements for attending the opening and shall be no less than seven (7) Business Days from the date of notification of the results of the technical evaluation, described in ITC 23.1 and 23.2.



23.4 The Consultant's attendance at the opening of the Financial Proposals (in person, or online if such option is indicated in the **Data Sheet**) is optional and is at the Consultant's choice.

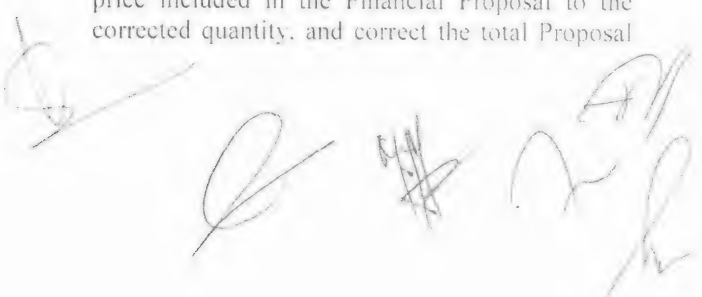
23.5 The Financial Proposals shall be opened publicly by the Client's evaluation committee in the presence of the representatives of the Consultants and anyone else who chooses to attend. Any interested party who wishes to attend this public opening should contact the client as indicated in the **Data Sheet**. Alternatively, a notice of the public opening of Financial Proposals may be published on the Client's website, if available. At the opening, the names of the Consultants, and the overall technical scores, including the break-down by criterion, shall be read aloud. The Financial Proposals will then be inspected to confirm that they have remained sealed and unopened. These Financial Proposals shall be then opened, and the total prices read aloud and recorded. Copies of the record shall be sent to all Consultants who submitted Proposals and to the Bank.

**24. Correction of  
Errors**

24.1 Activities and items described in the Technical Proposal but not priced in the Financial Proposal, shall be assumed to be included in the prices of other activities or items, and no corrections are made to the Financial Proposal.

**a. Time-Based  
Contracts**

24.1.1 If a Time-Based contract form is included in the RFP, the Client's evaluation committee will (a) correct any computational or arithmetical errors, and (b) adjust the prices if they fail to reflect all inputs included for the respective activities or items included in the Technical Proposal. In case of discrepancy between (i) a partial amount (sub-total) and the total amount, or (ii) between the amount derived by multiplication of unit price with quantity and the total price, or (iii) between words and figures, the former will prevail. In case of discrepancy between the Technical and Financial Proposals in indicating quantities of input, the Technical Proposal prevails and the Client's evaluation committee shall correct the quantification indicated in the Financial Proposal so as to make it consistent with that indicated in the Technical Proposal, apply the relevant unit price included in the Financial Proposal to the corrected quantity, and correct the total Proposal





cost.

- b. Lump-Sum Contracts
- 24.1.2 If a Lump-Sum contract form is included in the RFP, the Consultant is deemed to have included all prices in the Financial Proposal, so neither arithmetical corrections nor price adjustments shall be made. The total price, net of taxes understood as per ITC 25, specified in the Financial Proposal (Form FIN-1) shall be considered as the offered price. Where there is a discrepancy between the amount in words and the amount figures, the amount in words shall prevail.
25. Taxes
- 25.1 The Client's evaluation of the Consultant's Financial Proposal shall exclude taxes and duties in the Client's country in accordance with the instructions in the **Data Sheet**.
26. Conversion to Single Currency
- 26.1 For the evaluation purposes, prices shall be converted to a single currency using the selling rates of exchange, source and date indicated in the **Data Sheet**.
27. Combined Quality and Cost Evaluation
- a. Quality and Cost-Based Selection (QCBS)
- 27.1 In the case of QCBS, the total score is calculated by weighting the technical and financial scores and adding them as per the formula and instructions in the **Data Sheet**. The Consultant with the Most Advantageous Proposal, which is the Proposal that achieves the highest combined technical and financial scores, will be invited for negotiations.
- b. Fixed-Budget Selection (FBS)
- 27.2 In the case of FBS, those Proposals that exceed the budget indicated in ITC 14.1.4 of the **Data Sheet** shall be rejected.
- 27.3 The Client will select the Consultant with the Most Advantageous Proposal, which is the highest-ranked Technical Proposal that does not exceed the budget indicated in the RFP, and invite such Consultant to negotiate the Contract.

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**c. Least-Cost Selection**

- 27.4 In the case of Least-Cost Selection (LCS), the Client will select the Consultant with the Most Advantageous Proposal, which is the Proposal with the lowest evaluated total price among those Proposals that achieved the minimum qualifying technical score, and invite such a Consultant to negotiate the Contract.

**D. Negotiations and Award**

**28. Negotiations**

- 28.1 The negotiations will be held at the date and address indicated in the Data Sheet with the Consultant's representative(s) who must have written power of attorney to negotiate and sign a Contract on behalf of the Consultant.

- 28.2 The Client shall prepare minutes of negotiations that are signed by the Client and the Consultant's authorized representative.

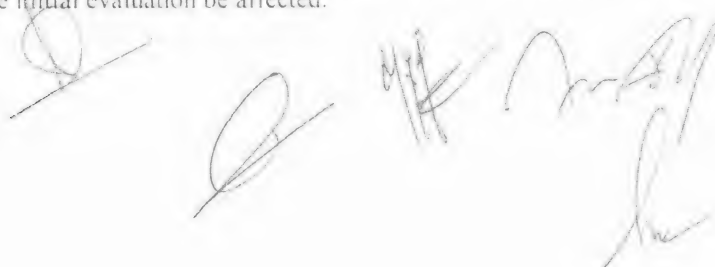
**a. Availability of Key Experts**

- 28.3 The invited Consultant shall confirm the availability of all Key Experts included in the Proposal as a pre-requisite to the negotiations, or, if applicable, a replacement in accordance with ITC 12. Failure to confirm the Key Experts' availability may result in the rejection of the Consultant's Proposal and the Client proceeding to negotiate the Contract with the next-ranked Consultant.

- 28.4 Notwithstanding the above, the substitution of Key Experts at the negotiations may be considered if due solely to circumstances outside the reasonable control of and not foreseeable by the Consultant, including but not limited to death or medical incapacity. In such case, the Consultant shall offer a substitute Key Expert within the period of time specified in the letter of invitation to negotiate the Contract, who shall have equivalent or better qualifications and experience than the original candidate.

**b. Technical Negotiations**

- 28.5 The negotiations include discussions of the Terms of Reference (TORs), the proposed methodology, the Client's inputs, the special conditions of the Contract, and finalizing the "Description of Services" part of the Contract. These discussions shall not substantially alter the original scope of services under the TOR or the terms of the contract, lest the quality of the final product, its price, or the relevance of the initial evaluation be affected.

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**c. Financial  
Negotiations**

28.6 The negotiations include the clarification of the Consultant's tax liability in the Client's country and how it should be reflected in the Contract.

28.7 If the selection method included cost as a factor in the evaluation, the total price stated in the Financial Proposal for a Lump-Sum contract shall not be negotiated.

28.8 In the case of a Time-Based contract, unit rates negotiations shall not take place, except when the offered Key Experts and Non-Key Experts' remuneration rates are much higher than the typically charged rates by consultants in similar contracts. In such case, the Client may ask for clarifications and, if the fees are very high, ask to change the rates after consultation with the Bank. The format for (i) providing information on remuneration rates in the case of Quality Based Selection; and (ii) clarifying remuneration rates' structure under this Clause, is provided in Appendix A to the Financial Form FIN-3: Financial Negotiations – Breakdown of Remuneration Rates.

**29. Conclusion of  
Negotiations**

29.1 The negotiations are concluded with a review of the finalized draft Contract, which then shall be initiated by the Client and the Consultant's authorized representative.

29.2 If the negotiations fail, the Client shall inform the Consultant in writing of all pending issues and disagreements and provide a final opportunity to the Consultant to respond. If disagreement persists, the Client shall terminate the negotiations informing the Consultant of the reasons for doing so. After having obtained the Bank's no objection, the Client will invite the next-ranked Consultant to negotiate a Contract. Once the Client commences negotiations with the next-ranked Consultant, the Client shall not reopen the earlier negotiations.

**30. Standstill Period**

30.1 The Contract shall not be awarded earlier than the expiry of the Standstill Period. The Standstill Period shall be ten (10) Business Days unless extended in accordance with ITC 33. The Standstill Period commences the day after the date the Client has transmitted to each Consultant (that has not already been notified that it has been unsuccessful) the Notification of Intention to Award the Contract. Where only one Proposal is submitted, or if this contract is in response to an emergency situation recognized by the Bank, the Standstill Period shall not apply.

**31. Notification of**

31.1 The Client shall send to each Consultant (that has not

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**Intention to  
Award**

already been notified that it has been unsuccessful) the Notification of Intention to Award the Contract to the successful Consultant. The Notification of Intention to Award shall contain, at a minimum, the following information:

- (a) the name and address of the Consultant with whom the client successfully negotiated a contract;
- (b) the contract price of the successful Proposal;
- (c) the names of all Consultants included in the short list, indicating those that submitted Proposals;
- (d) where the selection method requires, the price offered by each Consultant as read out and as evaluated;
- (e) the overall technical scores and scores assigned for each criterion and sub-criterion to each Consultant;
- (f) the final combined scores and the final ranking of the Consultants;
- (g) a statement of the reason(s) why the recipient's Proposal was unsuccessful, unless the combined score in (f) above already reveals the reason;
- (h) the expiry date of the Standstill Period; and
- (i) instructions on how to request a debriefing and/or submit a complaint during the Standstill Period.

**32. Notification of  
Award**

32.1 Upon expiry of the Standstill Period, specified in ITC 30.1 or any extension thereof, and upon satisfactorily addressing any complaint that has been filed within the Standstill Period, the Client shall, send a notification of award to the successful Consultant, confirming the Client's intention to award the Contract to the successful Consultant and requesting the successful Consultant to sign and return the draft negotiated Contract within eight (8) Business Days from the date of receipt of such notification. If specified in the **Data Sheet**, the client shall simultaneously request the successful Consultant to submit, within eight (8) Business Days, the Beneficial Ownership Disclosure Form.

Contract Award Notice

Within ten (10) Business Days from the date of notification of award such request, the Client shall publish the Contract Award Notice which shall contain, at a minimum, the following information:

- (a) name and address of the Client;
- (b) name and reference number of the contract being awarded, and the selection method used;
- (c) names of the consultants that submitted proposals.



and their proposal prices as read out at financial proposal opening, and as evaluated;

- (d) names of all Consultants whose Proposals were rejected or were not evaluated, with the reasons therefor;
- (e) the name of the successful consultant, the final total contract price, the contract duration and a summary of its scope; and.
- (f) successful Consultant's Beneficial Ownership Disclosure Form, if specified in Data Sheet ITC 32.1.

32.2 The Contract Award Notice shall be published on the Client's website with free access if available, or in at least one newspaper of national circulation in the Client's Country, or in the official gazette. The Client shall also publish the contract award notice in UNDB online

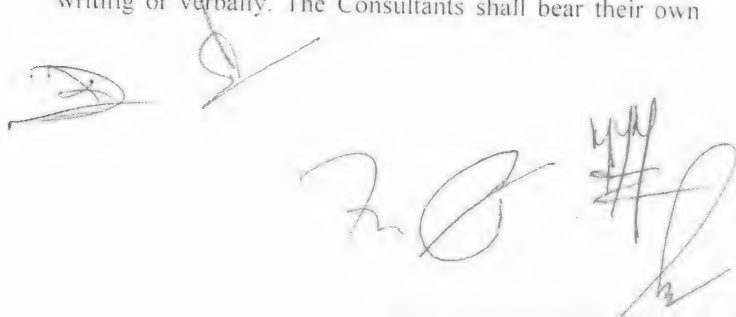
**33. Debriefing by the Client**

33.1 On receipt of the Client's Notification of Intention to Award referred to in ITC 31.1, an unsuccessful Consultant has three (3) Business Days to make a written request to the Client for a debriefing. The Client shall provide a debriefing to all unsuccessful Consultants whose request is received within this deadline.

33.2 Where a request for debriefing is received within the deadline, the Client shall provide a debriefing within five (5) Business Days, unless the Client decides, for justifiable reasons, to provide the debriefing outside this timeframe. In that case, the standstill period shall automatically be extended until five (5) Business Days after such debriefing is provided. If more than one debriefing is so delayed, the standstill period shall not end earlier than five (5) Business Days after the last debriefing takes place. The Client shall promptly inform, by the quickest means available, all Consultants of the extended standstill period

33.3 Where a request for debriefing is received by the Client later than the three (3)-Business Day deadline, the Client should provide the debriefing as soon as practicable, and normally no later than fifteen (15) Business Days from the date of publication of Public Notice of Award of contract. Requests for debriefing received outside the three (3)-day deadline shall not lead to extension of the standstill period.

33.4 Debriefings of unsuccessful Consultants may be done in writing or verbally. The Consultants shall bear their own



costs of attending such a debriefing meeting

**34. Signing of  
Contract**

34.1 The Contract shall be signed prior to the expiration of the Proposal Validity Period and promptly after expiry of the Standstill Period, specified in ITC 30.1 or any extension thereof, and upon satisfactorily addressing any complaint that has been filed within the Standstill Period.

34.2 The Consultant is expected to commence the assignment on the date and at the location specified in the **Data Sheet**.

**35. Procurement  
Related  
Complaint**

35.1 The procedures for making a Procurement-related Complaint are as specified in the **Data Sheet**.

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## Section 2. Instructions to Consultants

### E. Data Sheet

ITC Reference	A. General
1 (b)	Islamic Republic of Pakistan
2.1	<b>Name of the Client:</b> Sindh Mass Transit Authority <b>Method of selection:</b> Quality and Cost Based Selection (QCBS) as per the Procurement Regulations (available on <a href="http://www.worldbank.org">www.worldbank.org</a> )
2.2	<b>Financial Proposal to be submitted together with Technical Proposal:</b> Yes <b>The name of the assignment is:</b> Consulting Services for Preparation of Detailed Design, Procurement Support and Construction Supervision for Karachi Mobility Project (Yellow BRT)
2.3	<b>A pre-proposal conference will be held:</b> Yes (due to the global pandemic of Covid-19, a virtual Pre-Proposal meeting will be arranged) <b>Date of pre-proposal conference:</b> _____ <b>Time:</b> _____ <b>Address:</b> House # D-43; Block 2; Scheme No. 5; Kehkashan, Clifton, Karachi, Pakistan <b>E-mail:</b> <a href="mailto:kmp.infra.smta@gmail.com">kmp.infra.smta@gmail.com</a> <a href="mailto:pd.kmp.vlc@gmail.com">pd.kmp.vlc@gmail.com</a> <b>Contact person/conference coordinator:</b> Muhammad Yousuf Munir (Director Infrastructure / Projects, SMTA) Cell Phone: +92-321-877-3979
2.4	<b>The Client may provide following to facilitate the preparation of the proposals upon request:</b> Preliminary Design drawings, Cost Estimates, Design Report, Environmental

	Impact Assessment (PIA) Report, Social Impact Assessment (SIA) Report, Compensation and Livelihood Rehabilitation Plan (CLRP) Report and Road Safety Audit Report for the Karachi Mobility Project [to be provided in the form of CD/USB]
4.1	The data mentioned at 2.4 above has been prepared as a result of preparation of the preliminary design of the Yellow BRT corridor by M/s NESPAK. This data may be available to all short-listed consultants upon request. This is to warrant fairness and transparency throughout the procurement process.
6.3.1	A list of debarred firms and individuals is available at the Bank's external website: <a href="http://www.worldbank.org/debarr">www.worldbank.org/debarr</a>
<b>B. Preparation of Proposals</b>	
9.1	This RFP has been issued in the <b>English</b> language. Proposals shall be submitted in <b>English</b> language. All correspondence exchange shall be in <b>English</b> language.
10.1	<p>The Proposal shall comprise the following:</p> <p style="text-align: center;"><b>1<sup>st</sup> Inner Envelope with the Technical Proposal:</b></p> <ol style="list-style-type: none"> <li>(1) Power of Attorney to sign the Proposal</li> <li>(2) TECH-1</li> <li>(3) TECH-2</li> <li>(4) TECH-3</li> <li>(5) TECH-4</li> <li>(6) TECH-5</li> <li>(7) TECH-6</li> <li>(8) TECH-7 Code of Conduct (ESHS) - The Consultant shall submit the Code of Conduct that will apply to the Consultant's Key Experts and Non-Key Experts, to ensure compliance with good satisfactory Environmental, Social, Health and Safety (ESHS) practice. In addition, the Consultant shall submit an outline of how this Code of Conduct will be implemented. The successful Consultant shall be required to implement the agreed Code of Conduct upon contract award.</li> </ol> <p>AND</p>



	<b>2<sup>nd</sup> Inner Envelope with the Financial Proposal:</b> (1) FIN-1 (2) FIN-2 (3) FIN-3 (4) FIN-4 (5) Statement of Undertaking
10.2	<b>Statement of Undertaking is required</b> Yes
11.1	<b>Participation of Sub-consultants, Key Experts and Non-Key Experts in more than one Proposal is permissible</b> No
12.1	Proposals must remain valid for <b>150</b> calendar days after the proposal submission deadline.
13.1	<b>Clarifications may be requested no later than 14 calendar days prior to the submission deadline.</b> The contact information for requesting clarifications is: Project Director (Karachi Mobility Project) Sindh Mass Transit Authority Transport & Mass Transit Department, Government of Sindh House # D-43; Block 2; Scheme No. 5; Kehkashan, Clifton, Karachi, Pakistan E-mail: <a href="mailto:kmp.infra.smta@gmail.com">kmp.infra.smta@gmail.com</a> <a href="mailto:pd.kmp.slc@gmail.com">pd.kmp.slc@gmail.com</a>
14.1.1	<b>Shortlisted Consultants may associate with</b> (a) non-shortlisted consultant(s): No Or (b) other shortlisted Consultants: No
14.1.2	<b>Estimated input of Key Experts' time-input:</b>

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	<p>Phase-1 (Detailed Design and Procurement Support): 50 person-months</p> <p>Phase-2 (Construction Supervision and DNP): 153 person-months</p>
14.1.3	<p>The Consultant's Proposal must include <u>the minimum</u> Key Experts' time-input of:</p> <p>Phase-1 (Detailed Design and Procurement Support): 50 person-months</p> <p>Phase-2 (Construction Supervision and DNP): 153 person-months</p> <p><b>For the evaluation and comparison of Proposals only:</b></p> <p>If a Proposal includes less than the required minimum time-input, the missing time-input (expressed in person-month) is calculated as follows:</p> <p>The missing time-input is multiplied by the <u>highest</u> remuneration rate for a Key Expert in the Consultant's Proposal and <u>added</u> to the total remuneration amount.</p> <p>Proposals that quoted higher than the required minimum of time-input will <u>not</u> be adjusted.</p>
14.1.4 and 27.2	Not applicable
15.2	<p>The format of the Technical Proposal to be submitted is: <b>FTP</b>.</p> <p>Submission of the Technical Proposal in a wrong format <u>may</u> lead to the Proposal being deemed <u>non-responsive</u> to the RFP requirements.</p>
16.1	<ol style="list-style-type: none"> <li>(1) a per diem allowance, including accommodation, for experts for every day of absence from the home office for the purposes of the Services;</li> <li>(2) cost of international travel by the most appropriate means of transport and the most direct practicable route;</li> <li>(3) cost of local transportation;</li> <li>(4) cost of office accommodation, including overheads and back-stop support, excluding the facilities at construction sites and laboratory;</li> <li>(5) communications costs;</li> <li>(6) cost of purchase or rent or freight of any equipment required to be provided by the Consultants;</li> <li>(7) cost of reports production (including printing) and delivering to the Client;</li> <li>(8) other allowances where applicable</li> </ol>

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16.2	<p><b>A price adjustment provision applies to remuneration rates:</b></p> <p>Yes (applicable only for the <b>Phase 2</b> of the assignment – Construction Supervision and DNP), for local inflation.</p>
16.3	<p>Information on the Consultant's tax obligations in the Client's country can be found at Federal Board of Revenue [<a href="https://www.fbr.gov.pk">https://www.fbr.gov.pk</a>] and Sindh Revenue Board [<a href="https://www.srb.gos.pk">https://www.srb.gos.pk</a>]</p>
16.4	<p><b>The Financial Proposal shall be stated in the following currencies:</b></p> <p>Consultant may express the price for their Services, inclusive of all direct &amp; indirect taxes applicable in the Client's Country, in any fully convertible currency, singly or in combination of up to three foreign currencies.</p> <p><b>The Financial Proposal should state local costs in the Client's country currency (local currency):</b></p> <p>Yes</p>
<p align="center"><b>C. Submission, Opening and Evaluation</b></p>	
17.1	<p>The Consultants shall not have the option of submitting their Proposals electronically.</p>
17.4	<p><b>The Consultant must submit:</b></p> <p>(a) <b>Technical Proposal:</b> one (1) original and two (2) copies, and one (1) scanned copy in pdf on a CD/USB ;</p> <p>(b) <b>Financial Proposal:</b> one (1) original. And one (1) scanned copy in pdf on a CD / USB as a part of and included in sealed envelope.</p>
17.7 and 17.9	<p><b>The Proposals must be submitted no later than:</b></p> <p><b>Date:</b> _____</p> <p><b>Time:</b> 14:00 local time</p> <p><b>The Proposal submission address is:</b></p> <p>Sindh Mass Transit Authority Transport &amp; Mass Transit Department, Government of Sindh House # D-43; Block 2; Scheme No. 5; Kehkashan, Clifton. Karachi. Pakistan</p>

19.1	<p>An online option of the opening of the Technical Proposals is offered: No</p> <p>The opening shall take place at: Sindh Mass Transit Authority Transport &amp; Mass Transit Department, Government of Sindh House # D-43; Block 2; Scheme No. 5; Kehkashan, Clifton, Karachi, Pakistan Date: same as the submission deadline indicated in 17.7. Time: 14:30 local time</p>
19.2	<p>In addition, the following information will be read aloud at the opening of the Technical Proposals: N/A</p>
21.1 (for FTP)	<p>Criteria, sub-criteria, and point system for the evaluation of the Full Technical Proposals:</p> <p>The Technical Evaluation would be carried out considering the <u>two</u> distinct Phases of the Project. The Consultants would be <u>required to qualify both the Phases</u> by meeting the minimum qualification points.</p> <p><b>Phase 1: Design and Procurement Support Services</b></p> <p>I. <span style="float: right;">Specific</span>  <b>Experience of the Consultant: 10 Points</b>  <i>[Notes to Consultant: the Client will assess whether the Consultant has experience in preparing detailed design and providing procurement support in Bus Rapid Transit (BRT) projects in Asia and the number of such completed projects]</i></p> <p>II. <span style="float: right;">Adequacy</span>  <b>y and quality of the proposed methodology, and work plan in responding to the Terms of Reference (Design): 30 Points</b>  <i>[Notes to Consultant: the Client will assess whether the proposed methodology is clear; responds to the TORs; work plan is realistic and implementable; overall team composition is balanced and has an appropriate skills mix; and the work plan has right input of Experts]</i></p> <p>III. <span style="float: right;">Key</span>  <b>Experts' qualifications and competence for the Assignment:</b>  <i>[Notes to Consultant: each position number corresponds to the same for the</i></p>



	<p><i>Key Experts in Form TECH-6 to be prepared by the Consultant</i></p> <p>a) Team Leader Design (Urban Road &amp; BRT System Expert): 20 Points</p> <p>b) Senior BRT Design Expert: 10 Points</p> <p>c) Senior Structural/Bridge Engineer: 10 points</p> <p>d) Senior Pavement Engineer: 10 points</p> <p>e) Procurement Specialist: 10 points</p> <p style="text-align: right;"><b>Total for criterion (III): 60 Points</b></p> <p>The number of points to be assigned to each of the above positions shall be determined considering the following three sub-criteria and relevant percentage weights:</p> <ol style="list-style-type: none"> <li>1) General qualifications (general education, training, and experience): 15%</li> <li>2) Adequacy for the Assignment (relevant education, training, experience in the sector/similar assignments): 75%</li> <li>3) Relevant experience in the region (working level fluency in local language(s)/knowledge of local culture or administrative system, government organization, etc.): 10 %</li> </ol> <p style="text-align: right;">Total weight: 100%</p> <p><b>Total for the Phase I (I+II+III): 100 Points</b></p> <p><b><u>Technical score required to pass the Phase I: 75 Points</u></b></p>
	<p><b><u>Phase 2: Construction Supervision</u></b></p> <p><b>IV. Specific Experience of the Consultant: 10 Points</b></p> <p><i>[Notes to Consultant: the Client will assess whether the Consultant has experience in providing construction supervision services in <b>Bus Rapid Transit (BRT)</b> projects in Asia and the number of such completed projects]</i></p> <p><b>V. Adequacy and quality of the proposed methodology, and work plan in responding to the Terms of Reference (Supervision): 20 Points</b></p> <p><i>[Notes to Consultant: the Client will assess whether the proposed methodology is clear, responds to the TORs, work plan is realistic and implementable; overall team composition is balanced and has an appropriate skills mix; and the work plan has right input of Experts]</i></p> <p><b>VI. Key Experts' qualifications and competence for the Assignment:</b></p> <p><i>[Notes to Consultant: each position number corresponds to the same for</i></p>

	<p><i>the Key Experts in Form TECH-6 to be prepared by the Consultant:</i></p> <p><i>a) Chief Resident Engineer (CRE): 25 Points</i></p> <p><i>b) Resident Engineer (Bus Depots - Jam Sadiq Bridge): 15 Points</i></p> <p><i>c) Resident Engineer (Civil Works): 15 points</i></p> <p><i>d) Senior Contract Management Expert: 15 Points</i></p> <p style="text-align: right;"><b>Total points for criterion (VI): 70</b></p> <p>The number of points to be assigned to each of the above positions shall be determined considering the following three sub-criteria and relevant percentage weights:</p> <ol style="list-style-type: none"> <li>1) General qualifications (general education, training, and experience): <u>15 %</u></li> <li>2) Adequacy for the Assignment (relevant education, training, experience in the sector/similar assignments) <u>75%</u></li> <li>3) Relevant experience in the region (working level fluency in local language(s)/knowledge of local culture or administrative system, government organization, etc <u>10 %</u></li> </ol> <p style="text-align: right;">Total weight: 100%</p> <p><b>Total for the Phase 2 (IV+V+VI): 100 Points</b></p> <p><b><u>Technical score required to pass the Phase 2: 75 Points</u></b></p> <p><b>Minimum technical score (St) required to pass:</b></p> <p><b>75% each of Phase 1 &amp; 2</b></p>
	<p><b>Public Opening of Financial Proposals</b></p>
<p><b>23.4</b></p>	<p><b>An online option of the opening of the Financial Proposals is offered:</b></p> <p>No</p>
<p><b>23.5</b></p>	<p>Following the completion of the evaluation of the Technical Proposals, the Client will notify all Consultants of the location, date and time of the public opening of Financial Proposals.</p> <p>Any interested party who wishes to attend this public opening should contact:</p> <p>Project Director (Karachi Mobility Project)</p> <p>Sindh Mass Transit Authority</p>

	<p>Transport &amp; Mass Transit Department, Government of Sindh House # D-43; Block 2; Scheme No. 5; Kehkashan, Clifton, Karachi, Pakistan</p> <p>E-mail: <a href="mailto:pd.kmp.yle@gmail.com">pd.kmp.yle@gmail.com</a> <a href="mailto:kmp.infra.smta@gmail.com">kmp.infra.smta@gmail.com</a></p> <p>and request to be notified of the location, date and time of the public opening of Financial Proposals. The request should be made before the deadline for submission of Proposals, stated above.</p>
25.1	<p>For the purpose of the evaluation, the Client will <u>exclude</u>:</p> <ul style="list-style-type: none"> <li>(a) all local identifiable indirect taxes such as sales tax, excise tax, VAT, or similar taxes levied on the contract's invoices; and</li> <li>(b) all additional local indirect tax on the remuneration of services rendered by non-resident experts in the Client's country.</li> </ul> <p>If a Contract is awarded, at Contract negotiations, all such taxes will be discussed, finalized (using the itemized list as a guidance but not limiting to it) and added to the Contract amount as a separate line, also indicating which taxes shall be paid by the Consultant and which taxes are withheld and paid by the Client on behalf of the Consultant.</p>
26.1	<p>The single currency for the conversion of all prices expressed in various currencies into a single one is <b>USD (United States Dollar)</b>.</p> <p>The official source of the selling (exchange) rate is: <b>State Bank of Pakistan</b></p> <p>The date of the exchange rate is: <b>seven (7) days</b> before the submission of proposals</p>
27.1 (QCBS only)	<p><b>The lowest evaluated Financial Proposal (Fm) is given the maximum financial score (Sf) of 100.</b></p> <p>The formula for determining the <b>financial scores (Sf)</b> of all other Proposals is calculated as following:</p> <p><math>Sf = 100 \times Fm / F</math>, in which "Sf" is the financial score, "Fm" is the lowest price, and "F" the price of the proposal under consideration.</p> <p>The weights given to the Technical (T) and Financial (P) Proposals are:</p> <p><b>T = 0.8, and</b></p> <p><b>P = 0.2</b></p> <p>Proposals are ranked according to their combined technical (St) and financial (Sf) scores using the weights (T = the weight given to the Technical Proposal; P = the weight given to the Financial Proposal; T + P = 1) as</p>

	<p>following:</p> $S = St \times T\% + Sf \times P\%.$ <p>Proposals are ranked according to their <i>combined</i> technical (St) and financial (Sf) scores using the weights (T = the weight given to the Technical Proposal; P = the weight given to the Financial Proposal: T + P = 1) as following:</p> $S = St \times T\% + Sf \times P\%.$
	<b>D. Negotiations and Award</b>
28.1	<p><b>Expected date and address for contract negotiations:</b></p> <p><b>Date:</b> December 2020</p> <p><b>Address:</b> Sindh Mass Transit Authority Government of Sindh House # D-43; Block 2; Scheme No. 5; Kehkashan, Clifton, Karachi, Pakistan</p>
32.1	<p>The successful Consultant shall submit the Beneficial Ownership Disclosure Form.</p>
34.2	<p><b>Expected date for the commencement of the Services:</b></p> <p><b>Date:</b> January 2021 at Sindh Mass Transit Authority, Karachi, Pakistan</p>
35.1	<p>The procedures for making a Procurement-related Complaint are detailed in the "<u>Procurement Regulations for IPI Borrowers</u> (Annex III)." If a Consultant wishes to make a Procurement-related Complaint, the Consultant shall submit its complaint following these procedures. In Writing (by the quickest means available, such as by email or fax), to:</p> <p><b>For the attention:</b> Secretary (Transport &amp; Mass Transit Department – Government of Sindh)</p> <p><b>Client:</b> Sindh Mass Transit Authority, Transport &amp; Mass Transit Department, Government of Sindh</p> <p><b>Email address:</b> <a href="mailto:secretary.transportsindh@gmail.com">secretary.transportsindh@gmail.com</a></p> <p><b>Telephone number:</b> +92-21-99211017</p> <p>In summary, a Procurement-related Complaint may challenge any of the</p>



	<p>following:</p> <ol style="list-style-type: none"> <li>1. the terms of this Request for Proposal;</li> <li>2. the Client's decision to exclude a Consultant from the procurement process prior to the award of contract; and</li> <li>3. the Client's decision to award the contract.</li> </ol>
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### Section 3. Technical Proposal – Standard Forms

{Notes to Consultant shown in brackets { } throughout Section 3 provide guidance to the Consultant to prepare the Technical Proposal; they should not appear on the Proposals to be submitted.}

#### CHECKLIST OF REQUIRED FORMS

Required for FTP or STP ✓		FORM	DESCRIPTION	Page Limit
FTP	STP			
✓	✓	TECH-1	Technical Proposal Submission Form.	2
✓ If applicable		TECH-1 Attachment	If the Proposal is submitted by a joint venture, attach a letter of intent or a copy of an existing agreement.	5
✓ If applicable		Power of Attorney	No pre-set format/form. In the case of a Joint Venture, several are required: a power of attorney for the authorized representative of each JV member, and a power of attorney for the representative of the lead member to represent all JV members	5
✓		TECH-2	Consultant's Organization and Experience.	20
✓		TECH-2A	A. Consultant's Organization	5
✓		TECH-2B	B. Consultant's Experience	15
✓		TECH-3	Comments or Suggestions on the Terms of Reference and on Counterpart Staff and Facilities to be provided by the Client.	10

*[Handwritten signatures and initials are present below the table.]*

✓		TECH-3A	A. On the Terms of Reference	5
✓		TECH-3B	B. On the Counterpart Staff and Facilities	5
✓	✓	TECH-4	Description of the Approach, Methodology, and Work Plan for Performing the Assignment	40
✓	✓	TECH-5	Work Schedule and Planning for Deliverables	3
✓	✓	TECH-6	Team Composition, Key Experts Inputs, and attached Curriculum Vitae (CV)	75
✓	✓	TECH-7	Code of Conduct (ES)	3

All pages of the original Technical and Financial Proposal shall be initialed by the same authorized representative of the Consultant who signs the Proposal.

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## FORM TECH-1

## TECHNICAL PROPOSAL SUBMISSION FORM

{Location, Date}

To: Project Director (Karachi Mobility Project)  
Sindh Mass Transit Authority,  
Transport & Mass Transit Department, Government of Sindh

Dear Sirs:

We, the undersigned, offer to provide the consulting services for **Consulting Services in Preparation of Detailed Design, Procurement Support and Construction Supervision for Karachi Mobility Project (Yellow Bus Rapid Transit)** in accordance with your Request for Proposals (RFP) dated *[Insert Date]* and our Proposal. We are hereby submitting our Proposal, which includes this Technical Proposal and a Financial Proposal sealed in a separate envelope.

{If the Consultant is a joint venture, insert the following: We are submitting our Proposal a joint venture with: {Insert a list with full name and the legal address of each member, and indicate the lead member}. We have attached a copy {insert: "of our letter of intent to form a joint venture" or, if a JV is already formed, "of the JV agreement"} signed by every participating member, which details the likely legal structure of and the confirmation of joint and severable liability of the members of the said joint venture.

{OR}

If the Consultant's Proposal includes Sub-consultants, insert the following: We are submitting our Proposal with the following firms as Sub-consultants: {Insert a list with full name and address of each Sub-consultant.}

We hereby declare that:

- (a) All the information and statements made in this Proposal are true and we accept that any misinterpretation or misrepresentation contained in this Proposal may lead to our disqualification by the Client and/or may be sanctioned by the Bank.
- (b) Our Proposal shall be valid and remain binding upon us for the period of time specified in the Data Sheet, ITC 12.1.
- (c) We have no conflict of interest in accordance with ITC 3.



- (d) We meet the eligibility requirements as stated in ITC 6, and we confirm our understanding of our obligation to abide by the Bank's policy in regard to Fraud and Corruption as per ITC 5.
- (e) We, along with any of our sub-consultants, subcontractors, suppliers, or service providers for any part of the contract, are not subject to, and not controlled by any entity or individual that is subject to, a temporary suspension or a debarment imposed by the World Bank Group or a debarment imposed by the World Bank Group in accordance with the Agreement for Mutual Enforcement of Debarment Decisions between the World Bank and other development banks. Further, we are not ineligible under the Client's country laws or official regulations or pursuant to a decision of the United Nations Security Council.
- (f) In competing for (and, if the award is made to us, in executing) the Contract, we undertake to observe the laws against fraud and corruption, including bribery, in force in the country of the Client.
- (g) Except as stated in the Data Sheet, ITC 12.7, we undertake to negotiate a Contract on the basis of the proposed Key Experts. We accept that the substitution of Key Experts for reasons other than those stated in ITC 12 and ITC 28.4 may lead to the termination of Contract negotiations.
- (h) Our Proposal is binding upon us and subject to any modifications resulting from the Contract negotiations.

We undertake, if our Proposal is accepted and the Contract is signed, to initiate the Services related to the assignment no later than the date indicated in ITC 34.2 of the Data Sheet.

We understand that the Client is not bound to accept any Proposal that the Client receives.

We remain,

Yours sincerely,

Signature (of Consultant's authorized representative) {In full and initials}

Full name: {insert full name of authorized representative}

Title: {insert title/position of authorized representative}

Name of Consultant (company's name or JV's name):

Capacity: {insert the person's capacity to sign for the Consultant}

Address: {insert the authorized representative's address}

Phone/fax: {insert the authorized representative's phone and fax number, if applicable}

Email: {insert the authorized representative's email address} \_\_\_\_\_



{For a joint venture, either all members shall sign or only the lead member, in which case the power of attorney to sign on behalf of all members shall be attached}



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**FORM TECH-2 (FOR FULL TECHNICAL PROPOSAL ONLY)****CONSULTANT'S ORGANIZATION AND EXPERIENCE**

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Form TECH-2: a brief description of the Consultant's organization and an outline of the recent experience of the Consultant that is most relevant to the assignment. In the case of a joint venture, information on similar assignments shall be provided for each partner. For each assignment, the outline should indicate the names of the Consultant's Key Experts and Sub-consultants who participated, the duration of the assignment, the contract amount (total and, if it was done in a form of a joint venture or a sub-consultancy, the amount paid to the Consultant), and the Consultant's role/involvement.

**A - Consultant's Organization**

1. Provide here a brief description of the background and organization of your company, and – in case of a joint venture – of each member for this assignment.
2. Include organizational chart, a list of Board of Directors, and beneficial ownership. *[If required under Data Sheet ITC 32.1, the successful Consultant shall provide additional information on beneficial ownership, using the Beneficial Ownership Disclosure Form.]*

**B - Consultant's Experience**

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1. List only previous similar assignments successfully completed in the last 10 years.
2. List only those assignments for which the Consultant was legally contracted by the Client as a company or was one of the joint venture members. Assignments completed by the Consultant's individual experts working privately or through other consulting firms cannot be claimed as the relevant experience of the Consultant, or that of the Consultant's partners or sub-consultants, but can be claimed by the Experts themselves in their CVs. The Consultant should be prepared to substantiate the claimed experience by presenting copies of relevant documents and references if so requested by the Client.

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Duration	Assignment name/& brief description of main deliverables/outputs	Name of Client & Country of Assignment	Approx. Contract value (in US\$ equivalent)/ Amount paid to your firm	Role on the Assignment
{e.g., Jan.2009-Apr.2010}	{e.g., "Improvement quality of....."; designed master plan for rationalization of .....}	{e.g., Ministry of ..... country}	{e.g., US\$1 mil / US\$0.5 mil}	{e.g., Lead partner in a JV A&B&C}
{e.g., Jan-May 2008}	{e.g., "Support to sub-national government....."; drafted secondary level regulations on.....}	{e.g., municipality of....., country}	{e.g., US\$0.2 mil / US\$0.2 mil}	{e.g., sole Consultant}

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**FORM TECH-3 (FOR FULL TECHNICAL PROPOSAL)****COMMENTS AND SUGGESTIONS ON THE TERMS OF REFERENCE, COUNTERPART STAFF, AND FACILITIES TO BE PROVIDED BY THE CLIENT**

Form TECH-3: comments and suggestions on the Terms of Reference that could improve the quality effectiveness of the assignment; and on requirements for counterpart staff and facilities, which are provided by the Client, including: administrative support, office space, local transportation, equipment, data, etc.

**A - On the Terms of Reference**

(Improvements to the Terms of Reference, if any)

**B - On Counterpart Staff and Facilities**

(Comments on counterpart staff and facilities to be provided by the Client, for example, administrative support, office space, local transportation, equipment, data, background reports, etc., if any)

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**FORM TECH-4 (FOR FULL TECHNICAL PROPOSAL ONLY)****DESCRIPTION OF APPROACH, METHODOLOGY, AND WORK PLAN IN  
RESPONDING TO THE TERMS OF REFERENCE**

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Form TECH-4: a description of the approach, methodology and work plan for performing the assignment, including a detailed description of the proposed methodology and staffing for training, if the Terms of Reference specify training as a specific component of the assignment.

{Suggested structure of your Technical Proposal:

- a) Technical Approach and Methodology
  - b) Work Plan
  - c) Organization and Staffing}
- a) **Technical Approach and Methodology.** {Please explain your understanding of the objectives of the assignment as outlined in the Terms of Reference (TORs), the technical approach, and the methodology you would adopt for implementing the tasks including the Environmental, Social (including sexual exploitation and abuse (SEA) and gender based violence (GBV)), Health and Safety (ESHS) aspects] to deliver the expected output(s), and the degree of detail of such output. Please do not repeat/copy the TORs in here.}
- b) **Work Plan.** {Please outline the plan for the implementation of the main activities/tasks of the assignment, their content and duration, phasing and interrelations, milestones (including interim approvals by the Client), and tentative delivery dates of the reports. The proposed work plan should be consistent with the technical approach and methodology, showing your understanding of the TOR and ability to translate them into a feasible working plan. A list of the final documents (including reports) to be delivered as final output(s) should be included here. The work plan should be consistent with the Work Schedule Form.}
- c) **Organization and Staffing.** {Please describe the structure and composition of your team, including the list of the Key Experts, Non-Key Experts and relevant technical and administrative support staff.}



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## FORM TECH-6

## TEAM COMPOSITION, ASSIGNMENT, AND KEY EXPERTS' INPUTS

Nº	Name	Expert's input (in person/month) per each Deliverable (listed in TECH-5)										Total time-input (in Months)		
		Position	D-1	D-2	D-3	.....	D-...	Home	Field	Total				
<b>KEY EXPERTS</b>														
K-1	{e.g., Mr. Abbbb}	[Team Leader]	[Home/ [Field]	[2 month] [0.5 m]	[1.0] [2.5]	[1.0] [0]								
K-2														
K-3														
n														
											<b>Subtotal</b>			
<b>NON-KEY EXPERTS</b>														
N-1			[Home] [Field]											
N-2														
n														
											<b>Subtotal</b>			
											<b>Total</b>			

1 For Key Experts, the input should be indicated individually for the same positions as required under the Data Sheet ITC21.1.

- 2 Months are counted from the start of the assignment/mobilization. One (1) month equals twenty two (22) working (billable) days. One working (billable) day shall be not less than eight (8) working (billable) hours.
- 3 "Home" means work in the office in the expert's country of residence. "Field" work means work carried out in the Client's country or any other country outside the expert's country of residence.



Full time input  
Part time input

*[Handwritten signature]*

*[Handwritten signature]*

*[Handwritten signature]*

*[Handwritten signature]*

*[Handwritten signature]*

*[Handwritten signature]*



**FORM TECH-6  
(CONTINUED)**

**CURRICULUM VITAE (CV)**

<b>Position Title and No.</b>	{e.g., K-1, TEAM LEADER}
<b>Name of Expert:</b>	{Insert full name}
<b>Date of Birth:</b>	{day/month/year}
<b>Country of Citizenship/Residence</b>	

**Education:** {List college/university or other specialized education, giving names of educational institutions, dates attended, degree(s)/diploma(s) obtained}

**Employment record relevant to the assignment:** {Starting with present position, list in reverse order. Please provide dates, name of employing organization, titles of positions held, types of activities performed and location of the assignment, and contact information of previous clients and employing organization(s) who can be contacted for references. Past employment that is not relevant to the assignment does not need to be included.}

Period	Employing organization and your title/position. Contact information for references	Country	Summary of activities performed relevant to the Assignment
{e.g., May 2005-present}	{e.g., Ministry of ..... advisor consultant to...  For references: Tel...../e-mail.....; Mr. Hbbbbb, deputy minister}		

**Membership in Professional Associations and Publications:**

**Language Skills (indicate only languages in which you can work):** \_\_\_\_\_



**Adequacy for the Assignment:**

Detailed Tasks Assigned on Consultant's Team of Experts:	Reference to Prior Work/Assignments that Best Illustrates Capability to Handle the Assigned Tasks
{List all deliverables/tasks as in TECH- 5 in which the Expert will be involved)	

**Expert's contact information:** (e-mail ..... phone.....)

**Certification:**

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualifications, and my experience, and I am available, as and when necessary, to undertake the assignment in case of an award. I understand that any misstatement or misrepresentation described herein may lead to my disqualification or dismissal by the Client, and/or sanctions by the Bank.

Name of Expert \_\_\_\_\_ Signature \_\_\_\_\_ Date {day month year}

Name of authorized Representative of the Consultant \_\_\_\_\_ Signature \_\_\_\_\_ Date {day month year}

(the same who signs the Proposal)

**FORM TECH-7 (FOR FTP AND STP))****Note to the Consultant:**

The minimum content of the Code of Conduct form as set out by the Client shall not be substantially modified. However, the Consultant may add requirements as appropriate, including to take into account Contract-specific issues/risks.

**CODE OF CONDUCT FOR EXPERTS (ES) FORM**

We are the Consultant, *[enter name of Consultant]*. We have signed a contract with *[enter name of Client]* for *[enter description of the Services]*. These Services will be carried out at *[enter the Site and other locations where the Services will be carried out, as appropriate]*. Our contract requires us to implement measures to address environmental and social risks related to the Services, including the risks of sexual exploitation, sexual abuse and sexual harassment.

This Code of Conduct is part of our measures to deal with environmental and social risks related to the Services. It applies to all Experts in places where the Services are being carried out.

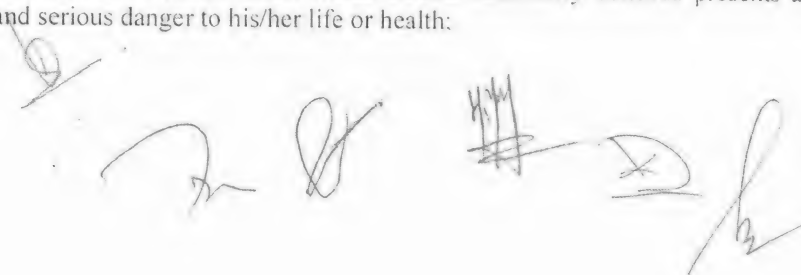
This Code of Conduct identifies the behavior that we require from all Experts.

Our workplace is an environment where unsafe, offensive, abusive or violent behavior will not be tolerated and where all persons should feel comfortable raising issues or concerns without fear of retaliation.

**REQUIRED CONDUCT**

Experts shall:

1. carry out his/her duties competently and diligently;
2. comply with this Code of Conduct and all applicable laws, regulations and other requirements, including requirements to protect the health, safety and well-being of other Experts and any other person;
3. maintain a safe working environment including, as applicable, by:
  - a. ensuring that workplaces, equipment and processes under each person's control are safe and without risk to health;
  - b. wearing required personal protective equipment; and
  - c. following applicable emergency operating procedures.
4. report work situations that he/she believes are not safe or healthy and remove himself/herself from a work situation which he/she reasonably believes presents an imminent and serious danger to his/her life or health;

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5. treat other people with respect, and not discriminate against specific groups such as women, people with disabilities, migrant workers or children;
6. not engage in Sexual Harassment, which means unwelcome sexual advances, requests for sexual favors, and other verbal or physical conduct of a sexual nature with other Experts, Contractor's Personnel (if applicable) or Client's Personnel;
7. not engage in Sexual Exploitation, which means any actual or attempted abuse of position of vulnerability, differential power or trust, for sexual purposes, including, but not limited to, profiting monetarily, socially or politically from the sexual exploitation of another;
8. not engage in Sexual Abuse, which means the actual or threatened physical intrusion of a sexual nature, whether by force or under unequal or coercive conditions;
9. not engage in any form of sexual activity with individuals under the age of 18, except in case of pre-existing marriage;
10. complete relevant training courses that will be provided related to the environmental and social aspects of the Contract, including on health and safety matters, Sexual Exploitation and Abuse (SEA), and Sexual Harassment (SH);
11. report violations of this Code of Conduct; and
12. not retaliate against any person who reports violations of this Code of Conduct, whether to us or the Client, or who makes use of grievance mechanism for Experts, if any, or the project's Grievance Redress Mechanism.

#### RAISING CONCERNS

If any person observes behavior that he/she believes may represent a violation of this Code of Conduct, or that otherwise concerns him/her, he/she should raise the issue promptly. This can be done in either of the following ways:

1. Contact [enter name of the Consultant's social expert with relevant experience in handling sexual exploitation, sexual abuse and sexual harassment cases, or if such person is not required under the Contract, another individual designated by the Consultant to handle these matters] in writing at this address [ ] or by telephone at [ ] or in person at [ ]; or
2. Call [ ] to reach the Consultant's hotline (if any) and leave a message.

The person's identity will be kept confidential, unless reporting of allegations is mandated by the country law. Anonymous complaints or allegations may also be submitted and will be given all due and appropriate consideration. We take seriously all reports of possible misconduct and will investigate and take appropriate action. We will provide warm referrals to service providers that may help support the person who experienced the alleged incident, as appropriate.

There will be no retaliation against any person who raises a concern in good faith about any behavior prohibited by this Code of Conduct. Such retaliation would be a violation of this Code of Conduct.

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### CONSEQUENCES OF VIOLATING THE CODE OF CONDUCT

Any violation of this Code of Conduct by Experts may result in serious consequences, up to and including termination and possible referral to legal authorities.

FOR EXPERT:

I have received a copy of this Code of Conduct written in a language that I comprehend. I understand that if I have any questions about this Code of Conduct, I can contact *[enter name of Consultant's contact person(s) with relevant experience]* requesting an explanation.

Name of Expert: *[insert name]*

Signature: \_\_\_\_\_

Date: (day month year): \_\_\_\_\_

Countersignature of authorized representative of the Consultant:

Signature: \_\_\_\_\_

Date: (day month year): \_\_\_\_\_

**ATTACHMENT 1: Behaviors constituting Sexual Exploitation and Abuse (SEA) and behaviors constituting Sexual Harassment (SH)**


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**ATTACHMENT 1 TO THE CODE OF CONDUCT FORM**  
**BEHAVIORS CONSTITUTING SEXUAL EXPLOITATION AND ABUSE (SEA) AND**  
**BEHAVIORS CONSTITUTING SEXUAL HARASSMENT (SH)**

The following non-exhaustive list is intended to illustrate types of prohibited behaviors:

**(1) Examples of sexual exploitation and abuse include, but are not limited to:**

- An Expert tells a member of the community that he/she can get them jobs related to the Services (e.g., cooking and cleaning) in exchange for sex.
- An Expert that is connecting electricity input to households says that he can connect women headed households to the grid in exchange for sex.
- An Expert rapes, or otherwise sexually assaults a member of the community.
- An Expert denies a person access to the Site unless he/she performs a sexual favor.
- An Expert tells a person applying for employment under the Contract that he/she will only hire him/her if he/she has sex with him/her.

**(2) Examples of sexual harassment in a work context**

- An Expert comment on the appearance of another Expert (either positive or negative) and sexual desirability.
- When An Expert complains about comments made by another Expert on his/her appearance, the other Expert comment that he/she is "asking for it" because of how he/she dresses.
- Unwelcome touching of an Expert or Employer's Personnel by another Expert.
- An Expert tells another Expert that he/she will get him/her a salary raise, or promotion if he/she sends him/her naked photographs of himself/herself.

*[Handwritten signatures and initials at the bottom of the page]*

#### Section 4. Financial Proposal - Standard Forms

[Notes to Consultant shown in brackets { } provide guidance to the Consultant to prepare the Financial Proposals; they should not appear on the Financial Proposals to be submitted.]

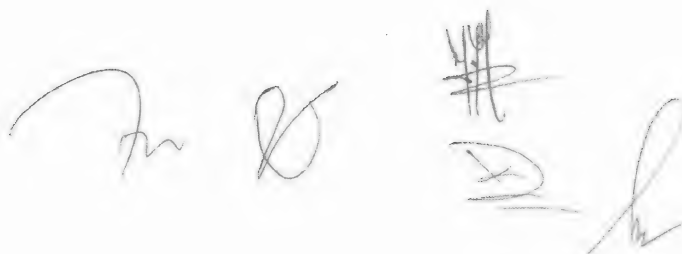
Financial Proposal Standard Forms shall be used for the preparation of the Financial Proposal according to the instructions provided in Section 2.

FIN-1 Financial Proposal Submission Form

FIN-2 Summary of Costs

FIN-3 Breakdown of Remuneration

FIN-4 Reimbursable expenses



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**FORM FIN-1**  
**FINANCIAL PROPOSAL SUBMISSION FORM**

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To, Project Director (Karachi Mobility Project)  
Sindh Mass Transit Authority,  
Transport & Mass Transit Department, Government of Sindh

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Dear Sirs:

We, the undersigned, offer to provide the consulting services for Consulting Services in **Preparation of Detailed Design, Procurement Support and Construction Supervision for Yellow Bus Rapid Transit Corridor** in accordance with your Request for Proposal dated *[Insert Date]* and our Technical Proposal.

Our attached Financial Proposal is for the amount of {Indicate the corresponding to the amount(s) currency(ies)} {Insert amount(s) in words and figures}, excluding of all indirect local taxes in accordance with ITC 25.1 in the Data Sheet. The estimated amount of local indirect taxes is \_\_\_\_\_ which shall be confirmed or adjusted, if needed, during negotiations. {Please note that all amounts shall be the same as in Form FIN-2}.

Our Financial Proposal shall be valid and remain binding upon us, subject to the modifications resulting from Contract negotiations, for the period of time specified in the Data Sheet, ITC 12.1.

Commissions and gratuities paid or to be paid by us to an agent or any third party relating to preparation or submission of this Proposal and Contract execution, paid if we are awarded the Contract, are listed below:

Name and Address of Agents	Amount and Currency	Purpose of Commission or Gratuity
_____	_____	_____
_____	_____	_____

{If no payments are made or promised, add the following statement: "No commissions or gratuities have been or are to be paid by us to agents or any third party relating to this Proposal and Contract execution."}

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We understand you are not bound to accept any Proposal you receive.

We remain,

Yours sincerely,





Signature (of Consultant's authorized representative) {In full and initials}:

Full name: {insert full name of authorized representative}

Title: {insert title/position of authorized representative}

Name of Consultant (company's name or JV's name):

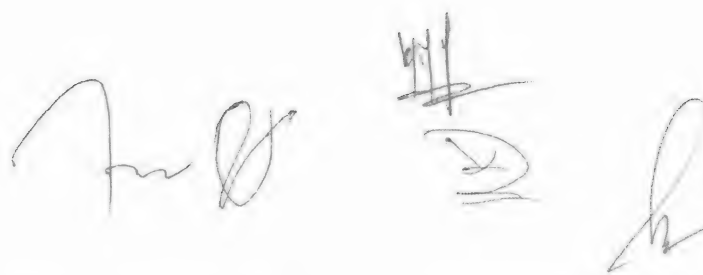
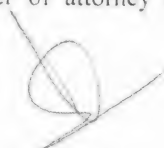
Capacity: {insert the person's capacity to sign for the Consultant}

Address: {insert the authorized representative's address}

Phone/fax: {insert the authorized representative's phone and fax number, if applicable}

Email: {insert the authorized representative's email address} \_\_\_\_\_

{For a joint venture, either all members shall sign or only the lead member/consultant, in which case the power of attorney to sign on behalf of all members shall be attached}



## FORM FIN-2 SUMMARY OF COSTS

Item	Cost			
	{Insert Foreign Currency - if used}	{Insert Foreign Currency - if used}	{Insert Foreign Currency - if used}	{Insert Foreign Currency - if used}
Cost of the Financial Proposal				
Including:				
(1) Remuneration for Phase 1				
(2) Reimbursables for Phase 1				
Sub-total for Phase 1				
(3) Remuneration for Phase 2				
(4) Reimbursables for Phase 2				
Sub-total for Phase 2				
<b>Total Cost of the Financial Proposal:</b> [Should match the amount in Form FIN-1]				
<b>Indirect Local Tax Estimates – to be discussed and finalized at the negotiations if the Contract is awarded</b>				
(i) {insert type of tax e.g., VAT or sales tax}				
(ii) {e.g., income tax on non-resident experts}				
(iii) {insert type of tax}				
<b>Total Estimate for Indirect Local Tax:</b>				

Footnote: Payments will be made in the currency(ies) expressed above (Reference to ITC 16.4).

### FORM FIN-3 BREAKDOWN OF REMUNERATION

For Phase 1, information to be provided in this Form shall only be used to demonstrate the basis for the calculation of the Phase 1 ceiling amount; to calculate applicable taxes at contract negotiations; and, if needed, to establish payments to the Consultant for possible additional services requested by the Client. This Form shall not be used as a basis for payments under Phase 1.

A. Remuneration								
No.	Name	Position (as in TECH-6)	Person-month Remuneration Rate	Time Input in Person/Month (from TECH-6)	{Currency # 1- as in FIN-2}	{Currency # 2- as in FIN-2}	{Currency # 3- as in FIN-2}	{Local Currency- as in FIN-2}
<b>Key Experts</b>								
K- 1			[Home]					
K- 2			[Field]					
<b>Non-Key Experts</b>								
N- 1			[Home]					
N- 2			[Field]					

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## Appendix A. Financial Negotiations - Breakdown of Remuneration Rates

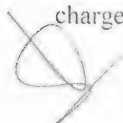
### 1. Review of Remuneration Rates

- 1.1. The remuneration rates are made up of salary or a base fee, social costs, overheads, profit, and any premium or allowance that may be paid for assignments away from headquarters or a home office. An attached Sample Form can be used to provide a breakdown of rates.
- 1.2. If the RFP requests submission of a technical proposal only, the Sample Form is used by the selected Consultant to prepare for the negotiations of the Contract. If the RFP requests submission of the financial proposal, the Sample Form shall be completed and attached to the Financial Form-3. Agreed (at the negotiations) breakdown sheets shall form part of the negotiated Contract and included in its Appendix D or C.
- 1.3. At the negotiations the firm shall be prepared to disclose its audited financial statements for the last three years, to substantiate its rates, and accept that its proposed rates and other financial matters are subject to scrutiny. The Client is charged with the custody of government funds and is expected to exercise prudence in the expenditure of these funds.
- 1.4. Rate details are discussed below:
  - (i) Salary is the gross regular cash salary or fee paid to the individual in the firm's home office. It shall not contain any premium for work away from headquarters or bonus (except where these are included by law or government regulations).
  - (ii) Bonuses are normally paid out of profits. To avoid double counting, any bonuses shall not normally be included in the "Salary" and should be shown separately. Where the Consultant's accounting system is such that the percentages of social costs and overheads are based on total revenue, including bonuses, those percentages shall be adjusted downward accordingly. Where national policy requires that 13 months' pay be given for 12 months' work, the profit element need not be adjusted downward. Any discussions on bonuses shall be supported by audited documentation, which shall be treated as confidential.
  - (iii) Social Charges are the costs of non-monetary benefits and may include, inter alia, social security (including pension, medical, and life insurance costs) and the cost of a paid sick and/or annual leave. In this regard, a paid leave during public holidays or an annual leave taken during an assignment if no Expert's replacement has been provided is not considered social charges.
  - (iv) Cost of Leave. The principles of calculating the cost of total days leave per annum as a percentage of basic salary is normally calculated as follows:

$$\text{Leave cost as percentage of salary} = \frac{\text{total days leave} \times 100}{[365 - w - ph - v - s]}$$

Where w = weekends, ph = public holidays, v = vacation, and s = sick leave.

Please note that leave can be considered as a social cost only if the Client is not charged for the leave taken.




- 
- (v) Overheads are the Consultant's business costs that are not directly related to the execution of the assignment and shall not be reimbursed as separate items under the Contract. Typical items are home office costs (non-billable time, time of senior Consultant's staff monitoring the project, rent of headquarters' office, support staff, research, staff training, marketing, etc.), the cost of Consultant's personnel not currently employed on revenue-earning projects, taxes on business activities, and business promotion costs. During negotiations, audited financial statements, certified as correct by an independent auditor and supporting the last three years' overheads, shall be available for discussion, together with detailed lists of items making up the overheads and the percentage by which each relates to basic salary. The Client does not accept an add-on margin for social charges, overhead expenses, etc. for Experts who are not permanent employees of the Consultant. In such case, the Consultant shall be entitled only to administrative costs and a fee on the monthly payments charged for sub-contracted Experts.
- (vi) Profit is normally based on the sum of the Salary, Social costs, and Overheads. If any bonuses paid on a regular basis are listed, a corresponding reduction shall be made in the profit amount. Profit shall not be allowed on travel or any other reimbursable expenses.
- (vii) Away from Home Office Allowance or Premium or Subsistence Allowances. Some Consultants pay allowances to Experts working away from headquarters or outside of the home office. Such allowances are calculated as a percentage of salary (or a fee) and shall not draw overheads or profit. Sometimes, by law, such allowances may draw social costs. In this case, the amount of this social cost shall still be shown under social costs, with the net allowance shown separately.

UNDP standard rates for the particular country may be used as reference to determine subsistence allowances.

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### Sample Form

Consultant:  
Assignment:

Country:  
Date:

#### Consultant's Representations Regarding Costs and Charges

We hereby confirm that:

- (a) the basic fees indicated in the attached table are taken from the firm's payroll records and reflect the current rates of the Experts listed which have not been raised other than within the normal annual pay increase policy as applied to all the Consultant's Experts;
- (b) attached are true copies of the latest pay slips of the Experts listed;
- (c) the away- from- home office allowances indicated below are those that the Consultant has agreed to pay for this assignment to the Experts listed;
- (d) the factors listed in the attached table for social charges and overhead are based on the firm's average cost experiences for the latest three years as represented by the firm's financial statements; and
- (e) said factors for overhead and social charges do not include any bonuses or other means of profit-sharing.

\_\_\_\_\_  
[Name of Consultant]

\_\_\_\_\_  
Signature of Authorized Representative

\_\_\_\_\_  
Date

Name: \_\_\_\_\_

Title: \_\_\_\_\_



**Consultant's Representations Regarding Costs and Charges  
(Model Form I)**

(Expressed in percent, unless otherwise noted)

Personnel		1	2	3	4	5	6	7	8
Name	Position	Basic Remuneration Rate per Working Month/Day/Year	Social Charges <sup>1</sup>	Overhead <sup>2</sup>	Subtotal	Profit <sup>2</sup>	Away from Home Office Allowance	Proposed Fixed Rate per Working Month/Day/Year	Proposed Fixed Rate per Working Month/Day/Year
	Home Office								
	Client's Country								

<sup>1</sup> If more than one rate is used, use additional tables, one for each currency.

1. Expressed as percentage of 1

2. Expressed as percentage of 4

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For Phase 1, information to be provided in this Form shall only be used to demonstrate the basis for calculation of the Phase 1 ceiling amount, to calculate applicable taxes at contract negotiations and, if needed, to establish payments to the Consultant for possible additional services requested by the Client. This form shall not be used as a basis for payments under Phase 1.

[illegible]

Legend:

"Per diem allowance" is paid for each night the expert is required by the Contract to be away from his/her usual place of residence. Client can set up a ceiling.

*[Signature]*

## Section 5. Eligible Countries

In reference to ITC 6.3.2, for the information of shortlisted Consultants, at the present time firms, goods and services from the following countries are excluded from this selection:

Under the ITC 6.3.2 (a): State of Israel

Under the ITC 6.3.2 (b): State of Israel



1/2 1/2 1/2 1/2 1/2

## Section 6. Fraud and Corruption

(This Section 6, Fraud and Corruption shall not be modified)

### 1. Purpose

- 1.1 The Bank's Anti-Corruption Guidelines and this annex apply with respect to procurement under Bank Investment Project Financing operations.

### 2. Requirements

- 2.1 The Bank requires that Borrowers (including beneficiaries of Bank financing); bidders (applicants/proposers), consultants, contractors and suppliers; any sub-contractors, sub-consultants, service providers or suppliers; any agents (whether declared or not); and any of their personnel, observe the highest standard of ethics during the procurement process, selection and contract execution of Bank-financed contracts, and refrain from Fraud and Corruption.

- 2.2 To this end, the Bank:

- a. Defines, for the purposes of this provision, the terms set forth below as follows:

- i. "corrupt practice" is the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence improperly the actions of another party;
- ii. "fraudulent practice" is any act or omission, including misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain financial or other benefit or to avoid an obligation;
- iii. "collusive practice" is an arrangement between two or more parties designed to achieve an improper purpose, including to influence improperly the actions of another party;
- iv. "coercive practice" is impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party;

- v. "obstructive practice" is:

- (a) deliberately destroying, falsifying, altering, or concealing of evidence material to the investigation or making false statements to investigators in order to materially impede a Bank investigation into allegations of a corrupt, fraudulent, coercive, or collusive practice; and/or threatening, harassing, or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation; or
- (b) acts intended to materially impede the exercise of the Bank's inspection and audit rights provided for under paragraph 2.2 e. below.

- b. Rejects a proposal for award if the Bank determines that the firm or individual recommended for award, any of its personnel, or its agents, or its sub-consultants, sub-

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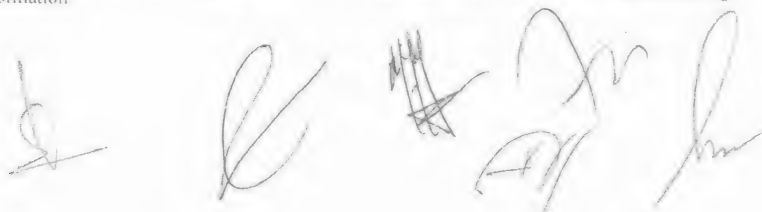
contractors, service providers, suppliers and/ or their employees, has, directly or indirectly, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices in competing for the contract in question;

- c. In addition to the legal remedies set out in the relevant Legal Agreement, may take other appropriate actions, including declaring misprocurement, if the Bank determines at any time that representatives of the Borrower or of a recipient of any part of the proceeds of the loan engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices during the procurement process, selection and/or execution of the contract in question, without the Borrower having taken timely and appropriate action satisfactory to the Bank to address such practices when they occur, including by failing to inform the Bank in a timely manner at the time they knew of the practices;
- d. Pursuant to the Bank's Anti- Corruption Guidelines and in accordance with the Bank's prevailing sanctions policies and procedures, may sanction a firm or individual, either indefinitely or for a stated period of time, including by publicly declaring such firm or individual ineligible (i) to be awarded or otherwise benefit from a Bank-financed contract, financially or in any other manner;<sup>1</sup> (ii) to be a nominated<sup>2</sup> sub-contractor, consultant, manufacturer or supplier, or service provider of an otherwise eligible firm being awarded a Bank-financed contract; and (iii) to receive the proceeds of any loan made by the Bank or otherwise to participate further in the preparation or implementation of any Bank-financed project;
- e. Requires that a clause be included in bidding/request for proposals documents and in contracts financed by a Bank loan, requiring (i) bidders (applicants/proposers), consultants, contractors, and suppliers, and their sub-contractors, sub-consultants, service providers, suppliers, agents personnel, permit the Bank to inspect<sup>3</sup> all accounts, records and other documents relating to the procurement process, selection and/or contract execution, and to have them audited by auditors appointed by the Bank.

<sup>1</sup> For the avoidance of doubt, a sanctioned party's ineligibility to be awarded a contract shall include, without limitation, (i) applying for pre-qualification, expressing interest in a consultancy, and bidding, either directly or as a nominated sub-contractor, nominated consultant, nominated manufacturer or supplier, or nominated service provider, in respect of such contract, and (ii) entering into an addendum or amendment introducing a material modification to any existing contract.

<sup>2</sup> A nominated sub-contractor, nominated consultant, nominated manufacturer or supplier, or nominated service provider (different names are used depending on the particular bidding document) is one which has been (i) included by the bidder in its pre-qualification application or bid because it brings specific and critical experience and know-how that allow the bidder to meet the qualification requirements for the particular bid, or (ii) appointed by the Borrower.

<sup>3</sup> Inspections in this context usually are investigative (i.e., forensic) in nature. They involve fact-finding activities undertaken by the Bank or persons appointed by the Bank to address specific matters related to investigations/audits, such as evaluating the veracity of an allegation of possible Fraud and Corruption, through the appropriate mechanisms. Such activity includes but is not limited to: accessing and examining a firm's or individual's financial records and information, and making copies thereof as relevant; accessing and examining any other documents, data and information (whether in hard copy or electronic format) deemed relevant for the investigation/audit, and making copies thereof as relevant; interviewing staff and other relevant individuals; performing physical inspections and site visits; and obtaining third party verification of information.



## Section 7. Terms of Reference



## BACKGROUND

The implementation of a comprehensive solution to Karachi's severe urban mobility problems is underway through decisive Federal and Provincial Governments engagement towards the implementation of a Bus Rapid Transit System (BRTS) as planned under the Karachi Urban Transport Master Plan of 2030. As of 2018, the BRTS implementation efforts in the city, spearheaded by the Federal Government, Government of Sindh (GoS), and the Sindh Mass Transit Authority (SMTA), were focused on: (i) completion of roadworks and associated facilities, and selection of an operator for BRTS operation and maintenance for the Green/Orange Corridor; (ii) continuation and follow-up of contracts for planning, detail engineering design, and business plan definition for the Red Corridor; and (iii) elaboration/update of preliminary design and feasibility studies for Yellow BRT Corridor.

The GoS, SMTA and the World Bank (WB) are committed to financing the infrastructure and structuring the operation and business model for the Yellow BRT Corridor, using a mix of financing instruments to maximize the available funding for the development and operation of the BRTS, through the Karachi Mobility Project (KMP). The KMP follows the integrated corridor management approach aiming to improve the needs of all road users along the corridor (mobility, accessibility, safety). Severely deteriorated road sections along the Yellow BRT Corridor and catchment areas will be improved, traffic management will be upgraded, and parking issues will be addressed. It is estimated that more than 700,000 people will benefit from this project, particularly people living and working along the Korangi industrial area.

In order to support execution of the infrastructure component of the KMP, the SMTA and its Project Management Team (PMT) (hereinafter referred to as "the Client" or "the Employer", as relevant) wishes to engage a qualified consulting firm (hereinafter referred to as "the Consultant") to undertake preparation of Detailed Design, provide procurement assistance, construction supervision, contract administration (in the capacity of the Engineer), and provide support in monitoring and ensuring environmental and social (E&S) safeguard (SG) compliance.

## DESCRIPTION OF YELLOW BRT CORRIDOR

The Yellow BRT Corridor is approximately 21 km long, starting from Dawood Chowrangi to Numaish, and is part of the overall planned Karachi Mass Transit System (KMTS). Its segments are presented in *Table 1* and *Figure 2*, however the Yellow BRT system will also comprise two bus depots (near Dawood Chowrangi and near Indus Hospital). There are also approximately 65 km of complementary feeder roads (hereinafter referred to as "off-corridors") which would be improved as part of the Yellow BRT Corridor development project (*Figure 1*).

*Figure 1 Planned mass transit corridors*



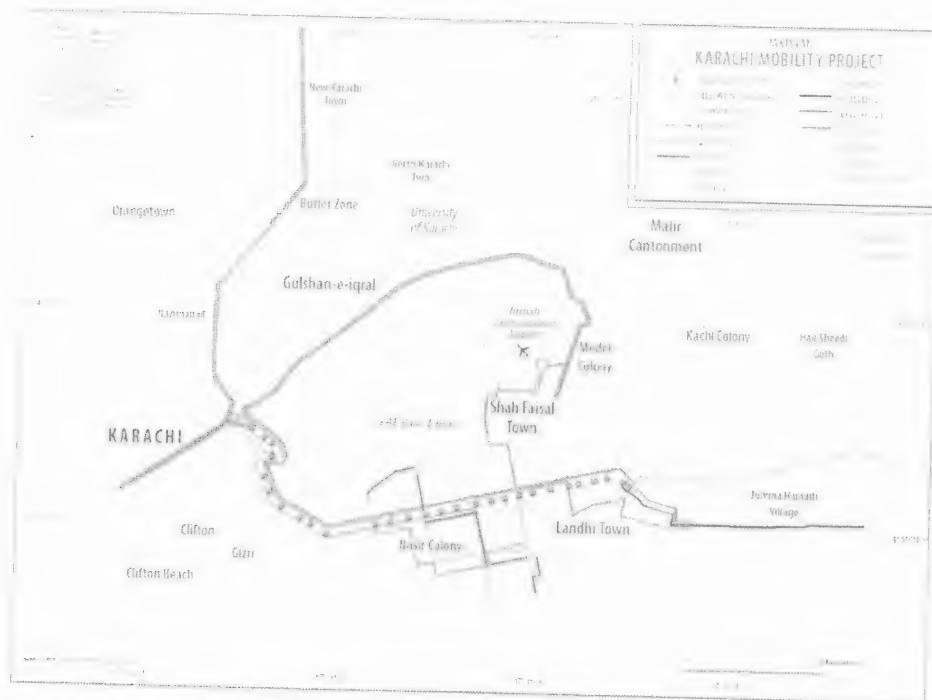


Table 1 Yellow BRT Corridor segments

Segment	Length [km]
0 Dawood Chowrangi - from bus depot entrance to Dawood Chowrangi	0.3
1 Future Colony - from Dawood Chowrangi terminal to Mansehra Colony	1.15
2 8000 Road - from Mansehra Colony to Malir River bridge (Jam Sadiq)	10.65
3 Malir River bridge (Jam Sadiq)	1.1
4 KPT interchange	0.85
5 Korangi Road - from KPT Interchange to Shahrah-e-Faisal Interchange	3.9
6 Shahrah-e-Faisal - from Shahrah-e-Faisal Interchange to Shahrah-e-Qaideen	1.65
7 Shahrah-e-Qaideen - from Shahrah-e-Faisal to M.A. Jinnah Road	1.4
Total:	21.0

Figure 2 Yellow BRT Corridor segments

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### PRELIMINARY DESIGN

Preliminary Design for the Yellow BRT Corridor has been first prepared in 2014 and then further updated in 2019. During Preliminary Design preparation, mapping of existing road conditions and utilities was performed along the corridor. Also, traffic simulations were carried out at selected junctions. Content of the Preliminary Design drawings is summarized in *Table 2*. These were also accompanied by relevant technical documentation and cost estimates. Drawings are presented in the scale generally appropriate for Preliminary Designs in urban conditions, namely:

- 1:500 for general horizontal alignment and overall layout;
- 1:200 for vertical alignment;
- 1:200 for on stations sites, restructured junctions, and proposed elevated or underground sections;
- 1:50 for relevant details at sidewalks, stairways, pedestrian crossings, station arrangements, passenger shelters, structures, utilities.

*Table 2 Summary of the Preliminary Design drawings*

Volume	Title	Drawings
I	Infrastructure works	General drawings Topographic survey Layout plan, including typical cross sections and details Existing utilities Depots' typical details Storm water drainage (concept of the system)
II	Architecture and structural works	Stations (typical layouts and cross sections) Depots (master plan layout and structures' layouts and sections)
III	Mechanical, electrical and plumbing works	Layouts, typical details and general distribution schemes for mechanical works, electrical works, plumbing, sewerage and firefighting, at depots

The following cost components are included in the cost estimate:

- Civil road works (e.g. pavements, delineators, curbs, drainage system);
- Stations (e.g. entrance, kiosk, platform, alignment curbs, shutters, doorways, ceiling, lighting, roof, etc.);
- Bus shelters;
- Traffic signals and traffic management system;
- Road markings and signage;
- Street lighting and urban furniture;
- Utility connections to stations (e.g. water, electricity, telecommunications, sewerage);
- Depot facilities;
- Integration facilities (e.g. universally accessible pedestrian facilities, bicycle parking, pedicab and taxi integration facilities, park-and-ride facilities);
- Intelligent transport system (ITS) (e.g. real-time information displays);
- Fare system equipment (e.g. sales vending, smart cards, validators, gates).

Costing of off-corridor interventions was not estimated in detail through the Preliminary Design.

#### ENVIRONMENTAL AND SOCIAL IMPACT ASSESSMENT

Consistent with the WB Safeguard Policies and provincial regulatory requirements – Sindh Environmental Protection Agency (SEPA) under SEPA 2014 –an Environmental Impact Assessment (EIA), a Social Impact Assessment (SIA), and a Compensation and Livelihood Rehabilitation Plan (CLRP) for KMP in May-2019 have been conducted. These safeguard documents are largely based on the 2019 Preliminary Design for the Yellow BRT Corridor. During Preliminary Design preparation, mapping of existing road conditions and utilities was performed along the corridor. Also, traffic simulations were carried out at selected junctions.

Given the project is now planning to commission detailed project design, changes are expected from the preliminary design proposal. Any change, particularly in crucial parameters such as: realignment of original BRT route, shifting to grade-separated solutions instead of at-grade, relocation of key structures (bus stops, parking areas, depots), and expansion of work scope etc. may trigger additional environmental and social implications including safety issues, all requiring renewed assessment. In addition, possible changes in socio-economic context that might have emerged/evolved over time since the preliminary design was completed may require environmental and social assessment afresh. Notwithstanding, the environmental and social assessment also highlights the study limitations and suggests further addition/(revision) under such backdrop.

#### **OBJECTIVE OF THE ASSIGNMENT**

Objectives of these consulting services are to:

1. Prepare Detailed Design on the basis of the available Preliminary Design results and recommendations, including the element of the *Value Engineering* (predominantly in terms of materials selection, optimization of pavement structures, systematization of structures and components, and technology) to determine if better cost-effective alternatives are viable, however without compromising the quality and functionality of the infrastructure along the Yellow BRT Corridor and off-corridors;
2. Assist the Client in preparation of Employer's requirements for 1 km long bridge, by thoroughly reviewing the available Preliminary Design and deciding on the extent of information to be added in the Employer's requirements so that excess of information does not provide basis for the contractor to absolve from the responsibility of the design and sufficiency of the contract price;
3. Assess the environmental and social safeguard requirements emerged/evolved during detailed design and assist the Client to integrate them in the draft EIA, SIA and CLRP to finalize (as detailed in E&S sections below).
4. Support PMT in the implementation of the project in an environmentally and socially safe and sustainable manner. To undertake capacity building of the PMT
5. Assist the Client in preparation of bidding documents for construction contracts;
6. Provide necessary procurement and technical assistance including environmental and social safeguards to the Client during the bidding processes including, but not limited to, attending the pre-selection and pre-bid meetings, evaluation of bids, and contract award and signing;
7. Supervise the works to ensure that the executed works comply with the approved design, internationally acceptable technical specifications, environmental and social safeguards and sound engineering practice;
8. Prepare final construction reports and compile full set of as-built drawings of all completed works, as well as full set of documents for entry into cadaster books/records;
9. Support the use of Building Information Modeling (BIM) for constructing the whole of the asset digitally and using this model to support all stakeholders during the complete lifecycle of the project.

## SCOPE OF SERVICES

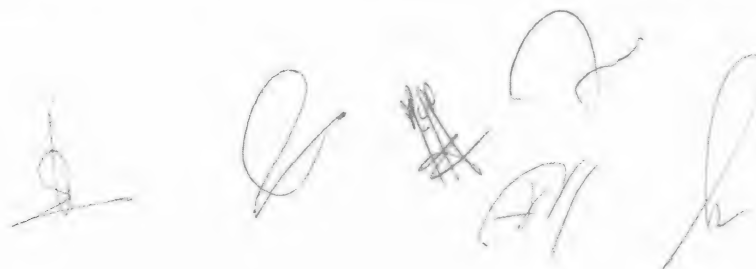
The scope of services, grouped in two phases, consist of the following major tasks:

### Phase 1: DESIGN

1. Task 1 → Preparation of Detailed Designs;
2. Task 2 → Preparation of Bidding Documents for Contractor Selection;

### Phase 2: SUPERVISION

3. Task 3 → Construction Supervision and Contracts Administration, including post-construction activities.





### TASK 1 – PREPARATION OF DETAILED DESIGNS

The Preliminary Design and a BRT Operational Plan have already been carried out for the Yellow BRT Corridor. The Consultant shall carry out an in-depth review of both with special emphasis on mobility, accessibility, safety, Value Engineering, suggest and incorporate improvements, if any, in the detailed designs. The review must include but not limited to:

1. Be carried out to verify the most cost-effective solution considering local conditions, good international BRT design and operational practices, and lessons learnt from similar projects in Pakistan<sup>2</sup> and international have been adopted/implemented before to the elaboration of the Detailed Design Package.
2. Cover the design criteria which were developed during the Preliminary Design stages and prepare a harmonized KMTS BRT Design Framework. Any suggested improvements will be discussed and agreed with the Client during the inception stage of the services and will become the part of Inception Report. The Consultant shall ensure that all the agencies are clear and in agreement on the Design Framework for the preparation of the Detailed Design and that consistent design standards are used.

The main purpose of the Detailed Design is to: (i) provide sufficient detail for preparation of bidding documents and execution of works and (ii) be prepared in accordance with environmental and social safeguards documentation.

The Detailed Design drawings are to contain sufficient details to permit contractors to carry out construction work effectively, unambiguously and with highest standards of quality, consistent with environmental and social safeguards documentation. It is expected for the outputs to be supported by relevant reports, calculations and specifications.

The Consultant must follow relevant Pakistani legislation, technical regulations and specifications to develop the Detailed Design. In case that certain elements are not regulated through the relevant Pakistani documents, primary source of information will be relevant AASHTO (American Association of State Highway and Transportation Officials) or ASTM (American Society for Testing and Materials) guidelines and standards. All issues related to the utilization of legislation, technical regulations and specifications will be resolved during the inception stage of the services.

The Consultant's attention is specifically drawn to the fact that the preparation of the Detailed Design for the Yellow BRT Corridor and complementary off-corridors *must run in parallel* so there will be a need for adequate capacity to prepare designs and bidding documents within the required time.



<sup>2</sup> Parallel design criteria have been used in other BRT corridors implemented or in the course of implementation within the Karachi Metropolitan Area, namely Green and Red BRT Corridors and operational systems in Punjab.





**Universal Access Design Premise:** The Consultant must apply universal access design principles and guidelines throughout all aspects of the detail design of the BRI infrastructure and the associated facilities proposed by the project. Important features enabling inclusiveness for all, particularly those living with a disability and/or limited mobility, that will be incorporated include those related to (i) urban transport system accessibility; (ii) prioritization of Non-Motorized Transport (NMT) in terms of provision of adequate space and safety; and (iii) geometric design as a traffic calming passive measure. The design of access to the stations will be subject to a safety assessment to verify the optimal nature of the infrastructure built; in general, the Safe Systems approach

#### Recommendations from Preliminary Design Stage

Background: The Preliminary Design update was streamlined with the objective of offsetting these time-consuming tasks to detail design phases. Some of these include GT investigations, hydro-geological survey, traffic analysis along the corridor including all intersections, pedestrian access study and parking study, among others.

A Road Safety Audit (RSA) was completed as part of the preliminary design stage. Its findings and recommendations were catered for at the preliminary design stage. Similarly, some recommendations were offset as well to be incorporated in the detail design.

#### Recommendations:

Following the completion of preliminary designs, the main concern related to the comprehensiveness reached by the traffic analysis and the intersection design supported by it. Consequently, the following facts have been highlighted as key to consider when developing the detailed design aspects on intersection, signaling, and traffic management. Important aspects and facts relevant to the preparation of detailed designs are:

1. Preliminary traffic analysis was carried out at selected intersections based on limited data either previously collected and made available to the design team or collected at preliminary stages. A full-fledged traffic analysis needs to be conducted along the corridor to either validate the solutions presented in the preliminary design and/or determine the need, depth and level required to carry out a technical update or revision. Important aspects to note:
2. It is to be kept in mind that the preliminary design was developed under the premise of maintaining at-grade solutions as the preferred option while prioritizing the improvement of BRT system's level of service.
3. At specific sites where at-grade solutions could not be implemented, grade-separated solutions were recommended.
4. Given the time and budget constraints, sites where existing conditions required the implementation of complex solutions were not studied at the detail and technical depth required (e.g. Tariq Road, KPT interchange). This task is pending and needs to be carried out at detailed design phase.
5. The impact of a comprehensive traffic analysis, keeping in mind the preference of an at-grade solution, needs to be reassessed by revisiting traffic circulation patterns, its impact on side / cross roads, and road geometry changes.

6. Traffic signal optimization / phasing will be dependent upon the final intersection geometry and functional design.
7. Various options were considered to enable at-grade intersections to operate at an acceptable LOS. This was achieved by, primarily, banning all right-turn movements and rerouting them through cross roads (Michigan left-turn solution) for which side road geometry will need to be more closely looked at. This situation is more pronounced along 8000 Road where grade-separated solutions have been recommended as the preferred option.
8. Similarly, specific solutions to be studied are the rerouting of traffic "around the block" to reduce traffic volumes and right-turning movements at the main intersections along the project.
9. A comprehensive traffic signal phasing plan will need to be developed in conjunction with the geometric improvements to allow for at-grade solutions, if possible.
10. The mitigation measures proposed in the EIA and SIA for the design stage consideration should be reviewed and integrated in the detailed design.

Additional recommendations for detailed design are the following:

1. Traffic movements on Tariq Road intersection and Khalid Bin Waleed Road intersection, along Shahrah-e-Qaideen Road, should especially be evaluated during the detail design phase. A Traffic Circulation Plan comprising these two intersections should be prepared and evaluated. At Tariq Road intersection, analysis of the existing traffic data shows that even after grade-separating the BRT flows, the at-grade traffic experiences significant delays. This will need to be looked at in a holistic manner to find solutions to improve the LOS and reduce delays at this intersection, while remaining within budget and aligned with the design premises established for the project.
2. KPT interchange stands as one of the most critical junctions along the corridor with five-legs merging at a large elliptical roundabout. The preliminary design envisages BRT buses running at-grade, cutting through the roundabout with stations proposed opposite Imtiaz Superstore. The BRT lanes crossing into the roundabout will require signalized operations. It is recommended that a detailed study be conducted to evaluate options for maneuvering KPT Interchange roundabout.
3. Traffic rerouting at Korangi Road/South Avenue intersection, as proposed in the preliminary design, needs to be further streamlined during the detailed design phase.
4. The preliminary design shows the location of traffic signals (vehicular and pedestrian). However, a detailed traffic signal plan along with signal timing plan (including pedestrian signal heads for BRT operation, mix traffic, merging of feeder service and others throughout the corridor) will need to be developed once the detail design is finalized and supported by a comprehensive traffic analysis.
5. No information regarding pedestrian accessibility was available during the preliminary design. Several signalized or protected at-grade pedestrian crossings have been included as part of the preliminary design. Detailed pedestrian accessibility analysis is recommended to be performed during the detailed design as part of a larger station area

- planning analysis. This should provide details on pedestrian flows and demand at various highly frequented locations along the corridor. The results of the same will enable finalizing the location / access of the pedestrians in the detailed design plans.
6. The preliminary design does not include detailed traffic signage plans, although the quantities for the same have been accounted for in the cost estimate. Detailed plans for road lane markings, parking spots, traffic signs and traffic gantries throughout the corridor as per MUTCD / local guidelines are to be included in the detail design.
  7. Parking maneuvers take place all along the corridor at various locations. Along 8000 Road, heavy truck / trailer parking is prevalent on the service roads and on the katcha<sup>3</sup> area between the carriageway and Service Road. Similarly, rickshaws / taxis park on the outside lanes in commercial / business areas due to lack of parking opportunities. A parking study is recommended to be performed, and a plan made for the provision of parking facilities to provide the required bays. The regulatory authority would then need to enforce parking regulation especially in the initial period of operation of the new BRTS.
  8. Provision of spaces for feeder/complementary services or passenger drop-off/pick up near many stations will be required. It is very likely that passengers will continue their journey by one of these modes and that there will be high demand for taxis and other informal modes to stop in the mix traffic lanes by the stations to serve BRT passengers. Increased traffic at the station locations will also lead to an increase in vendors and informal business by the stations. This can lead to sidewalk space reduction, traffic congestion and increased crashes. It is recommended that detailed station area planning should be conducted and define space for vendors, amenities and other services including rickshaws, taxis etc.
  9. Motorcycle lanes have been provided in the design, where possible. Adequate measures have been proposed to ensure safety of motorcyclists in the design such as separating the lanes from mix-traffic for safety. It is recommended that a detail study should be conducted for provision of separate motorcycle lane and provide solutions to impediments for its operation throughout the corridor.
  10. Parking spaces for buses have been provided at the depots. However, the circulation plan for BRT buses circulation within Depots and stacking of buses would need to be finalized during the detailed design.
  11. Detailed Geotechnical Investigation and Hydrological Survey should be performed.
  12. Pavement structure (Rigid & Flexible) has been designed on the basis of preliminary geotechnical investigations along the corridor. The same may need to be updated as per detailed Geotechnical Investigation report.
  13. Initial structural evaluation of Jam Sadiq Bridge and Kala Pull were carried out through non-destructive testing using a rebound Schmidt Hammer at randomly selected accessible structural elements of the bridge to get rough idea of strength of concrete.

<sup>3</sup> Areas beyond the project's limits occurring on segments where the available ROW exceeds the width of the proposed interventions.

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Detailed structural evaluation of Jam Sadiq Bridge and Kala Pull are required for re-strengthening of the deficient structural elements.

14. It must be ensured at the detail design phase that outfall location or disposal point (existing drain or nullah) of the pipe discharging the flow generated from underpasses is clear and free from all debris to ensure continuous flow and prevent any accumulation of water in underpass.
15. Various utility agencies provided their utility plans and their estimates. The actual location of utilities may yet be different than those shown on the plans. Close coordination with utility agencies will be required during detailed design.
16. All pedestrian access / ramps should have universal accessibility and compliance to ADA guidelines. A typical is included in the preliminary design drawings. The detail design will need to design specific ramps for each type of access.
17. Traffic calming measures such as rumble strips and similar measures increase safety of the pedestrians and motorists alike by reducing operating speeds. The use of rumble strips will be in addition to speed humps. These will be most typically placed where at-grade pedestrian crossings take place.
18. Integration of Yellow BRT Corridor with other mass transit projects such as Karachi Circular Railway and Brown MRT Line is required to be studied during the detail design phase, and the locations of stations may need to be adjusted accordingly. Yellow BRTS crosses KCR at Kala Pull, whereas Brown MRT Line connects with Yellow BRT at Singer Chowrangi.
19. Jam Sadiq bridge should be further studied in conjunction with proposed project of Malir Expressway during the detail design phase.
20. A flyover has been proposed at Dawood Chowrangi by the government, which will need to be dovetailed with the project during the detail design phase.

#### Supporting Technical Studies and Analyses

Based on the review of the Preliminary Design, and the associated surveys and investigations undertaken, the Consultant shall undertake additional and comprehensive engineering surveys, field investigations and laboratory testing leading to updated technical studies and analyses, including, but not limited to, traffic engineering study (motorized and non-motorized flows including pedestrian), detailed surveys and investigations on utilities, detailed topographic surveys (with DTM of the entire corridor), hydrological, hydro-geological, geotechnical, and condition assessment on existing structures and pavement condition. These additional surveys, investigations, tests and analyses will aim to provide missing or refresh outdated data from the preliminary design phase in order to develop technically correct and comprehensive designs and relevant details.

The consultant shall:

1. Following the review of existing traffic engineering study, refine the analysis by undertaking additional or updating existing classified traffic count surveys and undertake a detailed traffic engineering analysis and simulation on of the entire Yellow BRT Corridor, specifically to validate the traffic patterns, eventual impacts on

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congestions, passenger movements, and to anticipate the capacity, level of service, queue lengths, and other traffic parameters at each intersection of the Yellow BRT Corridor. Furthermore, the consultant shall also carry out simulation of depots, integration of feeder routes with BRT, weaving sections for the BRT in mix-traffic, and pedestrian/passenger simulations at major stations. The simulations outputs (traffic parameters, assumptions, data, simulation videos, etc.) shall be submitted by the consultant in a **report on traffic engineering analysis** to the Client for peer review. This shall be performed in conjunction with (i) the proposed Operation Plan of Yellow BRT Corridor and (ii) the Road Safety Audit report prepared during preliminary designs. Data collection shall be carried out on the basis of a 7-day volume and vehicle classifications surveys. Both data capture shall be done during the morning and evening peak hours at intersecting roads/streets.

This shall be performed in conjunction with (i) the proposed Operation Plan of Yellow BRT Corridor and (ii) the Road Safety Audit report prepared during preliminary design

2. Perform a **Parking Study** to diagnose the existing operating conditions of supply and demand along the Yellow BRT Corridor. The Consultant shall include:
  - a. Inventory and mapping of parking spaces (supply) distinguishing (i) physical location, (ii) vehicle type (motorbike, rickshaw, auto, commercial vehicle, bus, etc.) and (iii) functional classification – on- or off-street determined by location on or off the public roadway, including use of footpaths and open public spaces.<sup>4</sup>
  - b. Parking activity survey to determine how demand for parking varies throughout the workdays and on weekends, how long the vehicles are parked, and how efficiently existing parking spaces are utilized. This survey will differentiate between residents and commuters (including visitors, workers and students) regarding the utilization of on- and off-street parking infrastructure along the study area.
  - c. Parking demand and supply analysis, to determine the level of supply (including, but not limited to, on-street parking bays dimension, rickshaw waiting plazas, etc.) required at the different locations where demand is present (BRT system stations, terminals, depots and other sites where commercial and other community intensive activities are observed) and specific provisions are required as part of the elaboration of physical detailed designs. This analysis should consider traffic growth, impact of new public/mass transit developments and projected land use changes, and sensitivity to pricing and regulatory controls, if any.

<sup>4</sup> Sub categories include *On-street, free* ( with or without regulation) ; *On-street, paid*: any on-street paid parking space, either by formal regulation or informal means; *Informal on-street*: part of paid on-street parking, refers to any parking that has an informal service and/or fee paid to an entity or person who has "taken" the space and watches the vehicles parked there; *Informal on-street, regulated rate*: the service is informal but has a mechanism to establish a standard on-street parking rate; *Off-street (public)*: parking that is located off the public roadway and is available for public use-- may be paid or free and operated by the public or private sector; *Off-street (use-based)*: parking that is primarily linked to specific land-use, such as government, institutional, residential or commercial (e.g. a shopping or office building, park or recreation facility )- may be free or paid.

Perform **topographic surveys** along the locations where Yellow BRT corridor's road sections, feeder routes roads, bus depots, stations, bridges and underpasses, drainage structures are being proposed as well as all other necessary elements required to be described within the project's urban environment. As part of this analysis, the Consultant shall prepare base maps and terrain models for the entire project indicating details of all existing topographical features including utilities and water courses. Placement of 'permanent', survey control monuments along both of the routes for use by the Contractor during the construction Stage. Monuments shall be placed at not more than 500 m. intervals and are to be inter-visible. Details of the x, y and z coordinates for each monument are to be reported in a Survey Control Report containing sketches of location and other details including local reference markers used and offset dimensions etc. The detailed requirements for the topographic survey are as follows:

- (i) Horizontal and vertical monuments with reference shall be shown in the plans.
  - (ii) Vertical control monument shall be set at location where it shall not be disturbed during construction.
  - (iii) Level identification shall be tied to the existing benchmarks in the area.
  - (iv) After identification of the alignment centerline, centerline staking at the locations including intersections (P.I), beginning and ending of the horizontal curves (P.O and P.T) shall be tied to permanent references points in accordance with Government of Pakistan (GoP) standard practice.
  - (v) Cross sections shall be taken at 20 meter intervals, unless local conditions require cross section at closer intervals so as to provide the necessary details for the earthwork, quantity calculation with accuracy of five percent (5%) of final quantities
  - (vi) All survey information and data shall be recorded in standard survey notebooks. Upon completion of the works, all survey notes shall become the property of the Client.
3. Undertake additional investigation into the form of **residual pavement strength surveys**, notably: 2 (two) test pits per kilometer and 10 (ten) deflection tests per kilometer. Condition of the existing elements and surfaces at off-corridor sections was not surveyed during the Preliminary Design. It is anticipated that local asphalt overlays would be needed.
  4. The road section from Jam Sadiq Bridge to Dawood Chowrangi (8000 road) was recently rehabilitated. Based on surveys and tests, the Consultant will prepare a **road structure audit** which will assess and propose whether any part or section can be retained in the design.
  5. Undertake **structural condition audit** on several structures present along the BRT corridor to determine their current condition and to propose measures to ensure a service life of forty to fifty years considering the expected loads after the BRT operation starts.
  6. Undertake **detailed study of the existing hydrological regime** which will be based on analysis of historic rainfall and flood records, including subsurface water characteristics

supplemented by detailed field investigations. The consultant shall propose modifications in structures [embankments, culverts, bridges etc.] to ensure controlled sedimentation and erosion during the construction and BRT operations.

7. Following the review of existing geotechnical survey reports, undertake **detailed geotechnical surveys and investigations** to ascertain additional necessary data required to prepare detail design. The Consultant shall put special emphasis on proposing innovative, time -saving and cost-effective methodologies to address soil and drainage related problems and shall investigate the suitability of locally available materials for their utilization by conducting materials source survey.
8. Undertake **utility surveys** in addition to the review of the surveys carried out during preliminary design to determine the existing location and condition of the utilities. Subsequently the Consultant shall coordinate with the relevant stakeholders and agencies for the timely diversion of these utilities and shall ensure minimum intervention to the existing utilities through design strategies.

The Consultant shall submit a technical report on the methodology, scope and schedule of works for the surveys and investigations at least two weeks before the commencement of surveys.

#### Detail Design

Detailed Design for the Yellow BRT project will consist of several elements for which requirements are presented in this section. There will be **one comprehensive Technical Report complimented with a spatial design and BIM model** covering all the listed elements of the Yellow BRT Corridor Detailed Design, as described below. The **overall cost estimate** will be compiled from the separate bills of quantities resulting from the individual estimates for the below listed elements, including the summary sheet.

#### Geometric Design

The Consultant is to prepare comprehensive geometric designs for the overall corridor and proposed/associated structures; including, but not limited to, carriageways, junctions, underpasses, bridges, service and complementary roads, footpaths, flyovers, etc. Non-motorized transport (NMT) elements shall be included and special emphasis to be given to the requirements of persons with disabilities and reduced mobility, accessibility and safety [during and post construction] considering the local context with specific driver and pedestrian's behaviors and limited enforcement.

The output will comprise separate drawing sets, and associated reports and calculations, for the following items:

- i. Index (project location and drawing key plans; legend and index sheets);
- ii. Horizontal and vertical alignment (survey control monument plan /1:250 (500) scale/; typical cross-sections showing road carriageways, medians, footpaths /1:100 scale/; plan/profile sheets /1:250 horizontal and 1:25 vertical scale/ showing existing and proposed details, alignment geometry and super elevation data, carriageways, medians, footpaths, pedestrian crossings, outlines of

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- structures, demolition needs and Right-of-Way (RoW) boundaries; cross-section plots at about 10 m intervals /1:50 scale/;
- iii. Junctions (plans and related profiles for interchange ramps and major junctions /1:250 horizontal and 1:25 vertical scale/; typical details for minor junctions, including channelization islands; plans to show signs and lines, pedestrian crossings, stop lines /1:100 (50, 25) scale/);
  - iv. Ancillary works (traffic signs and road markings; barriers, guardrails, and fences; standard details, including minor intersection layouts, curb types, drainage pipes/channels, and headwall details /1:50 (25, 10) scale/);
  - v. Bill of Quantities (BoQ) including the cost of implementing E&S safeguard requirements;
  - vi. Technical specifications of all works;
  - vii. **Confidential** cost estimate.

#### Stations

The Consultant shall prepare detailed engineering and architectural designs for all stations, based upon the projected passenger demand, operational plan, E&S assessments and with special emphasis on operations, accessibility, inclusivity and pedestrian safety. The Consultant will also define all equipment and components in terms of functional specifications, technical characteristics and technical restrictions as per those provided by the Client. The Consultant must try to harmonize the designs proposed with those developed for other corridors within the KMRT network, namely Green, Orange and Red BRT Corridors. The Consultant will explore revise/update options in coming-up with energy efficient and cost-effective designs. The output will comprise separate drawing sets, and associated reports and calculations, for the following items:

- i. Index (project location and drawing key plans; legend and index sheets);
- ii. General arrangement\* drawings (plan and elevation views, layout information, overall dimensions, etc. /1:250 (100, 50) scale/);
- iii. Sub-structure details (e.g. foundations, pile caps, pier and abutment details, structural backfill requirements, reinforcement, etc. /1:100 (50, 25, 10) scale/);
- iv. Superstructure details (e.g. deck types and dimensions, wall and roof types and dimensions, waterproofing and utility requirements, etc. /1:100 (50, 25, 10) scale/);
- v. Electrical supply & fittings & various equipment location plans /1:100 (50, 25, 10) scale/;
- vi. Miscellaneous standard details /1:50 (25, 10) scale/;
- vii. Access arrangements /1:100 (50, 25, 10) scale/;
- viii. BoQ including the cost of implementing E&S safeguard requirements;
- ix. Technical specifications of all works;

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- x. Functional specifications, technical characteristics and technical restrictions for equipment;
- xi. **Confidential** cost estimate.

#### Station area design

The Consultant shall prepare, following the standards and guidelines established in the KMTS BRT Design Framework and other local or international best practices in station area planning, the designs of the public spaces and associated facilities of sites surrounding the System's stations and terminals, ensuring the provision of modern, user-friendly, universal, clear and efficient access to the system with concise and streamlined linkage with particular contexts of each of the station/terminal sites including, but not limited to, cultural and religious significance, existing and projected pedestrian patterns, supply of last-mile connectivity alternatives, commercial activities, parking needs. The design should also incorporate the recommendation made in E&S assessments. The designs to be developed must prioritize transit customer safety and security while guaranteeing that the efficient and hassle-free user integration and access to the station is optimized for all modes of arrival (i.e. NMT, feeder/complementary route, kiss & ride and park & ride). This analysis shall consider: (i) the findings of the Parking Study to determine level of parking supply, (ii) the findings of the BRT service plan to determine the transport integration facilities dimensions from feeder/complimentary routes, and (iii) other site-context specific characteristics to determine area requirements for temporary/dynamic activities (taxi stand, kiosks, urban furniture, parks & recreation, etc). The output will comprise separate drawing sets, and associated reports and calculations, for the following items:

- i. Index (project location and drawing key plans; legend and index sheets);
- ii. General arrangement' drawings (plan and elevation views, layout information, overall dimensions, etc. /1:250 (100, 50) scale/);
- iii. Sub-structure details (e.g. foundations, pile caps, pier and abutment details, structural backfill requirements, reinforcement, etc. /1:100 (50, 25, 10) scale/);
- iv. Superstructure details (e.g. deck types and dimensions, wall and roof types and dimensions, waterproofing and utility requirements, etc. /1:100 (50, 25, 10) scale/);
- v. Electrical supply & fittings & various equipment location plans /1:100 (50, 25, 10) scale/;
- vi. Miscellaneous standard details /1:50 (25, 10) scale/;
- vii. Access arrangements /1:100 (50, 25, 10) scale/;
- viii. Ancillary works (signage; barriers, guardrails, and fences: standard details, curb and footpath types /1:50 (25, 10) scale/);
- ix. BoQ including the cost of implementing E&S safeguard requirements;
- x. Technical specifications of all works;

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- xi. Functional specifications, technical characteristics and technical restrictions for equipment;
- xii. **Confidential** cost estimate.

### Pavement

The Consultant shall prepare detailed engineering design for different pavement structures required for the project based on projected traffic, axle load and ground conditions [based on the geotechnical investigation reports and drainage condition].

The main work of the Consultant will be to provide calculations of thicknesses [including the analysis of relevant stresses and strains, and fatigue capacity], definition of materials and relevant mixtures, and engineering specifications for construction. The consultant will follow "AASHTO Guide for Design of Pavement Structures 1993". The Consultant will verify the design using AASHTOWare or similar Mechanistic-Empirical Pavement Design software. Apart from the reports and calculations, the output will comprise appropriate drawings presenting typical sections and details /1:25 (10) scale/ and technical specifications of all works. The consultant will explore options for innovative, cost-effective, sustainable and environmentally friendly solutions in coming-up with the material selection and pavement designs. The Consultant will also consider existing road / pavement conditions through surveys and propose the solutions in order to minimize the re-work resulting eventually in time and cost saving.

### Pedestrian and Roadside Facilities

The consultant shall prepare detailed engineering design and technical details [with the help of pedestrian surveys and relevant pedestrian movement simulations] for the pedestrian crossings [at-grade and grade separated], footpaths and urban amenities on or adjacent to the footpaths including but not limited to bus shelters, parking facilities, plazas, etc. The Consultant is expected to propose such designs for pedestrian facilities which are safe, secure and easy to use with sufficient capacity along the corridor facilitating all types of pedestrian movement across and along the BRT corridor. The designs should be finalized with closed consultation of affected communities [for e.g. shop-keepers] and stakeholders [for e.g. Traffic Police department].

The output will comprise separate drawing sets, and associated reports and calculations, for the following items:

- i. Index (project location and drawing key plans; legend and index sheets);
- ii. General arrangement drawings (location and type of pedestrian crossings of the corridor /at grade, overpass or underpass/, pedestrian access routes to these crossings and stations; pedestrian routes along the corridor /1:250 (100) scale/);
- iii. Standard detail drawings for each type of pedestrian crossing /1:100 (50) scale/;
- iv. Detailed drawings specific to each pedestrian crossing location /1:100 (50) scale/;
- v. Plan and profile sheets for pedestrian access routes to stations and along the corridor /1:100 (50) scale/;

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- vi. Typical sections /1:50 scale/;
- vii. Urban amenities on/adjacent to pedestrian routes (including waiting areas for buses, NMT, parking (if any), and other parking and relocated vendor markets (if any) /1:100 (50) scale/);
- viii. Street furniture, lighting, and barriers, guardrails, and fences /1:50 (25, 10) scale/;
- ix. BoQ including the cost of implementing E&S safeguard requirements;
- x. Technical specifications of all works;
- xi. **Confidential** cost estimate.

#### Drainage

The Consultant shall prepare detailed engineering designs for the integrated drainage system within the corridor, with the specific attention to regulation of drainage in regular and storm conditions at underpasses and underground stations. The Consultant will also define all equipment and components in terms of functional specifications, technical characteristics and technical restrictions after reviewing the relevant data and historic events of drainage failure in the city or similar projects. The Consultant will explore innovative, cost-effective, sustainable and environmentally friendly solutions to the drainage to ensure zero water ponding and zero water spillage on the carriageway. The Consultant will also keep into consideration drainage and disposal of industrial waste while designing the drainage system.

The output will comprise separate drawing sets, and associated reports and calculations, for the following items:

- i. Index (project location and drawing key plans; legend and index sheets);
- ii. Longitudinal road drainage (table drains; curb and gutter; pipe drains or channels as appropriate to drain the carriageway to prevent ponding on the pavement at sag curves, and to intercept upstream catchment runoff and prevent it from causing a safety or nuisance problem for road users /1:250 (100, 50) scale/);
- iii. Underpass and underground station drainage (details of measures to manage regular and storm events /1:100 (50, 25, 10) scale/);
- iv. Plans for connection of the road drainage with the existing drainage system (plans of existing storm water drainage in the corridor; diversions or upgrades that may be required; temporary works that may be required to maintain existing drainage during construction, /1:250 (100, 50, 25) scale/);
- v. BoQ including the cost of implementing E&S safeguard requirements;
- vi. Technical specifications of all works;
- vii. Functional specifications, technical characteristics and technical restrictions for equipment;
- viii. **Confidential** cost estimate.

### Electrical Supply, Traffic Signals and Street Lighting

The Consultant shall prepare detailed engineering designs for the electrical supply system and street lighting within the corridor, including lighting system for stations and underpasses, by exploring innovative, cost-effective, easy-to-maintain and environmentally friendly approaches, including solar. The system will cover backup source of power in case of failure of primary source. All equipment and components will be defined in terms of functional specifications, technical characteristics and technical restrictions. The output will comprise separate drawing sets, and associated reports and calculations, for the following items:

- i. Index (project location and drawing key plans; legend and index sheets);
- ii. Designs for all required electrical works (electrical works for traffic signals, overhead signage, stations and terminals and street amenities requiring electric power /1:250 (100, 50, 25) scale/);
- iii. Designs for energy efficient street lights along the corridor /1:100 (50, 25, 10) scale/;
- iv. Plans for connection of the electrical works with the existing high and low voltage electrical supply system in the corridor (plans of existing electricity supply network in the corridor, including power lines, transformers and other equipment; photometric studies; any upgrades of lines or equipment that may be required to meet the electrical requirements of the corridor; diversion of existing lines or relocation of equipment; temporary works that may be required to maintain existing supplies during construction /1:250 (100, 50, 25, 10) scale/;
- v. BoQ including the cost of implementing E&S safeguard requirements;
- vi. Technical specifications of all works;
- vii. Functional specifications, technical characteristics and technical restrictions for equipment;
- viii. **Confidential** cost estimate.

### Landscaping, Urban Design and Environmental Mitigation

The Consultant shall prepare detailed engineering designs for the landscaping and urban arrangements within the corridor. The output will comprise separate drawing sets, and associated reports and calculations, for the following items:

- i. Index (project location and drawing key plans; legend and index sheets);
- ii. General arrangement drawings (overall corridor landscaping/urban design concept; measures for environmental mitigation /1:250 (100, 50) scale/);
- iii. Planting plan /1:250 (100, 50) scale/;
- iv. Details of typical design features /1:50 (25, 10) scale/;
- v. Plans and elevations at specific locations, including stations /1:250 (100, 50, 25) scale/;
- vi. BoQ including the cost of implementing E&S safeguard requirements;

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- vii. Technical specifications of all works;
- viii. **Confidential** cost estimate.

#### Depots

The Consultant shall prepare detailed engineering and architectural designs for proposed depots based on the bus traffic, the operational plan, and E&S assessments. The Consultant will also define the equipment and components in terms of functional specifications, technical characteristics and technical restrictions as per those provided by the Client. These will cover equipment and components for depot, maintenance and administrative purpose. The output will comprise separate drawing sets, and associated reports and calculations, for the following items:

- i. Index (project location and drawing key plans; legend and index sheets);
- ii. General arrangement' drawings (plan and elevation views; layout information; overall dimensions, etc. /1:250 (100, 50) scale/);
- iii. Sub-structure details (e.g. foundations, pile caps, pier and abutment details, structural backfill requirements, reinforcement, etc. /1:100 (50, 25, 10) scale/);
- iv. Superstructure details (e.g. deck types and dimensions, wall and roof types and dimensions, waterproofing and utility requirements, etc. /1:100 (50, 25, 10) scale/);
- v. Electrical supply and fittings and equipment location plans /1:100 (50, 25, 10) scale/;
- vi. Miscellaneous standard details /1:50 (25, 10) scale/;
- vii. Access arrangements /1:100 (50, 25, 10) scale/;
- viii. BoQ including the cost of implementing E&S safeguard requirements;
- ix. Technical specifications of all works;
- x. Functional specifications, technical characteristics and technical restrictions for equipment;
- xi. **Confidential** cost estimate.

#### Structures

The Consultant shall prepare detailed engineering designs for proposed structures [bridges, over- and under-passes, foot bridges, culverts, retaining walls, etc.] considering cost and effective construction methodologies, design life, logistics, availability of construction materials, the capacity of Pakistani construction industry and traffic management requirements during the construction process, E&S assessments, etc. The Consultant will explore innovative, cost-effective, sustainable and environmentally friendly solutions and will make best use of Design for Safety and Design for Maintenance philosophies in the detail design. The output will comprise separate drawing sets, and associated reports and calculations, for the following items:

- i. Index (project location and drawing key plans; legend and index sheets):

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- ii. General arrangement drawings (plan views; layout information; overall dimensions, etc. /1:250 (100, 50) scale/);
- iii. Sub-structure details (e.g. foundations, pile caps, pier and abutment details, structural backfill requirements, reinforcement, etc. /1:100 (50, 25, 10) scale/);
- iv. Superstructure details (e.g. deck types and dimensions, waterproofing and utility requirements, etc. /1:100 (50, 25, 10) scale/);
- v. Electrical supply and fittings and equipment location plans /1:100 (50, 25, 10) scale/;
- vi. Miscellaneous standard details /1:50 (25, 10) scale/;
- vii. Access arrangements /1:100 (50, 25, 10) scale/;
- viii. BoQ including the cost of implementing E&S safeguard requirements;
- ix. Technical specifications of all works;
- x. **Confidential** cost estimate.

#### Utilities Relocation

The Consultant shall prepare detailed engineering designs for proposed relocations of utilities through proper coordination with relevant utility agencies ensuring that the technical requirements of the utility agencies are addressed. The exercise should be carried out such that minimum disturbance to the existing utility network happens and the logistics, risks, safeguards and time requirements are catered for appropriately during the process. The proposed relocation designs shall uplift the life span and quality of new utilities and will also be considering future needs of utilities so that minimum disruption may happen during the operations of the project. The output will comprise separate drawing sets, and associated reports and calculations, for the following items:

- i. Index (project location and drawing key plans; legend and index sheets);
- ii. Designs for all required relocations (power lines, water supply lines, gas lines, sewerage, etc. /1:250 (100, 50) scale/);
- iii. Details of typical design features /1:50 (25, 10) scale/;
- iv. BoQ including the cost of implementing E&S safeguard requirements;
- v. Technical specifications of all works;
- vi. **Confidential** cost estimate.

#### Traffic Management

The Consultant shall develop Traffic Management Plans (TMP) to implement during construction recommending measures that would minimize the impact of construction activities on the operation and usage of the road network in the area. E&S assessments should be referenced for the preparation of TMP. The output will comprise separate drawing sets, and associated plan, for the following items:

- i. Index (project location and drawing key plans; legend and index sheets);

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- ii. Recommended detours and arrangements /1:500 scale/;
- iii. Details of recommended measures (signs, devices, etc. /1:100 scale/)
- iv. BoQ including the cost of implementing E&S safeguard requirements;
- v. Technical specifications of all elements;
- vi. Functional specifications for traffic management equipment;
- vii. **Confidential** cost estimate.

#### Off-Corridor Interventions

The Consultant is to prepare designs for the overall cross section of all off-corridors segments confirmed for the opening year, including, but not limited to, bus shelters, passenger waiting platforms, carriageways, intersections, NMT, and roadside facilities, as deemed necessary and following the proposed and approved design framework developed during preliminary design stages. The final definition of the off-corridor segments subject to detailed design will be confirmed and communicated by the Client upon confirmation of the feeder/complementary route network to operate on opening year. The Client will provide said confirmation at inception stage. The output will comprise separate drawing sets, and associated reports and calculations, for the following items:

- i. Index (project location and drawing key plans; legend and index sheets);
- ii. Horizontal and vertical alignment (survey control monument plan /1:250 (500) scale/; typical cross-sections showing road carriageways, bus shelters, waiting platforms, medians, footpaths /1:100/; plan/profile sheets /1:250 horizontal and 1:100 vertical scale/ showing existing and proposed details, alignment geometry and super elevation data, carriageways, medians, footpaths, pedestrian crossings, bus stops, outlines of structures, demolition needs and RoW boundaries; cross-section plots at about 10 m intervals /1:50 scale/);
- iii. Intersections (plans and related profiles /1:250 horizontal and 1:25 vertical scale/; typical details, including channelization islands; plans to show signs and lines, pedestrian crossings, stop lines /1:100 (50, 25) scale/);
- iv. Pavement design (typical section and details /1:25 (10) scale/);
- v. Ancillary works (traffic signs and road markings; barriers, guardrails, and fences; standard details, including minor intersection layouts, curb types, drainage pipes/channels, and headwall details /1:50 (25, 10) scale/);
- vi. BoQ including the cost of implementing E&S safeguard requirements;
- vii. Technical specifications of all works;
- viii. **Confidential** cost estimate.

#### Environmental and Social Safeguards

During Design phase, the Consultant shall monitor, ensure and confirm that environmental and social safeguards compliance is being made. Main tasks are:



1. Review the environmental and social assessments (EIA, SIA and CLRP) previously conducted and completed.
2. Support the Client to make necessary amendments based on the detailed design, perform additional site and data analysis as necessary, carry out consultations with key stakeholders and prepare the revised version of environmental and social assessments.

Specific tasks are:

- i. Get in touch, as early as possible, and be acquainted with the Project/Consultant's team(s) retained for this Consultancy with the objective of providing technical input persistently on E&S aspects throughout and during the entire course of the project. The level of efforts should be aimed to fully synergies and timely integrate E&S safeguard requirements in final project design/documents.
- ii. Review, revisit and reassess the CLRP, EIA and SIA already conducted in the context of: (a) changed scenario (socio-environmental conditions, health and safety requirements, security issues, key stakeholders, institutional arrangements, ESMP monitoring and reporting mechanisms etc.), (b) previous limitations such as budget, time and lack and/or timely unavailability of required information/data<sup>5</sup>, (c) likely changes as a result of detailed engineering designs; and above all (d) its adequacy, technical soundness, and appropriate completeness.
- iii. Based on the above review, identify gaps and areas of improvements in all key aspects of EIA and SIA. These include, but not limited to, project environmental and socio-economic baseline conditions, regulatory and Bank's policy requirements, project alternatives considered and proposed, potential impacts – *both positive and adverse* – and assessed significance, proposed mitigation measures and management plan(s), institutional, capacity building, monitoring and reporting mechanism; and sufficiency of budget allocations for implementing SG documents.
- iv. Should the footprint or alignment of the project be modified causing additional potential adverse livelihood impacts not covered in the existing CLRP or were not within the scope of the CLRP prepared during the preliminary design stage, conduct additional assessment of livelihood impacts as required.
- v. Ascertain and discuss with the PMT/WB team(s) the gaps and areas of improvement identified as assessed above, recommend appropriate measures and revisions required to safeguards documents for addressing such gaps.
- vi. Support the client in conducting stakeholders' consultation/workshop, if required, document the concerns, suggestions and improvements proposed and incorporate the outcomes in revised EIA, SIA, and CLRP.

<sup>5</sup> Given the time and budget constraints, some sites such as "Tariq Road and KPT interchange", that required complex solutions, were not studied in detail/technical depth required, and is pending to be carried out during detailed design.

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- vii. Review the "Road Safety Audit (RSA)"<sup>6</sup> – *completed as part of the preliminary design* – with a view to benefit of its findings/ recommendations pertinent to occupational health and safety; and to possibly feed into the revised EIA.
- viii. Assist the Client to prepare the revised draft EIA, SIA, and CLRP based on the review findings and consultation process.
- ix. Coordinate with the Client and Bank for the review, comments and feedback on the revised EIA, SIA and CLRP.
- x. Assist the Client to prepare the Final safeguards documents, EIA, SIA and CLRP.
- xi. Guide and support the Client in arranging the re-disclosure of SG documents, at/on all appropriate forums including official websites of GoS, SMTA and PMT.
- xii. Review and provide technical input on all Request for Proposals (RFP) and Bidding documents. Confirm the safeguard requirements become integral part of each bidding/tender document ensuring the respective contractor is fully responsible for managing and complying SG documents during project execution. The Consultants will further ensure that contractor(s) should not absolve of their given responsibilities in: (a) preparing and implementing different site specific and safeguard related management plans (as guided by EIA, SIA and CLRP); (b) timely employing and mobilizing needed/required resources including: staff, tools and equipment, well in advance.
- xiii. In addition, support the client in supervising the Contractor in all matters concerning the implementation of the Gender-Based Violence (GBV) Action Plan. For example, the GBV Action Plan prepared by the Client would need to be finalized with input from the contractor, in terms of providing an approach on how to implement and monitor the plan, including sanctions, which details how allegations of Sexual Exploitation and Abuse (SEA) and Sexual Harassment (SH) will be handled (investigation procedures) and what disciplinary action would be triggered for violation of the Code of Conduct (CoC) that the contractor workers would need to sign<sup>7</sup>. If required, instruct the Contractor to take actions in accordance with the requirements of the GBV Action Plan. Work with PMT's Gender Specialist who will be leading the implementation of the project's overall Gender Component including (but not limited to) GBV Action Plan.
- xiv. Land acquisition and Resettlement Plans, if needed, shall include preparation of plans showing land areas to be acquired for construction of the BRT and bus depots and for which occupation is required during all or part of the construction period. Also, preparation of the detailed plans showing lot

<sup>6</sup> Or its updated version.

<sup>7</sup> See the World Bank's Good Practice Note on Addressing Sexual Exploitation and Abuse (SEA) and Sexual Harassment (SH) in Investment Project Financing involving Major Civil Works  
<http://pubdocs.worldbank.org/en/741681582580194727/ES1-Good-Practice-Note-on-GBV-in-Major-Civil-Works-v2.pdf>

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boundaries for land areas including plans showing location of resettlement sites. General arrangement drawings for resettlement sites, including access and utilities, and layout of buildings, roads and footpaths internal to the resettlement sites; shall also be prepared.

#### 4.1.6

##### BIM Model

- a) Information of the Deliverables i.e Designed Performance of Managed Assets and all components in the design.

The final details for consultant and contractor deliverables are to be included in the agreed project BIM Execution Plan (BEP), and this could also inform the production and delivery of the Asset Information Model that meets the building/facility owner or client's requirements

- b) BIM Model Deliverables

The BIM deliverables usually consist of the geometric elements (e.g. assets to be modelled) and the non-geometric data (e.g. asset information to be tagged as parameter in the geometric elements). Not all information about a facility needs to be captured within a BIM model.

### TASK 2 – PREPARATION OF BIDDING DOCUMENTS FOR CONTRACTOR SELECTION

All procurement activities under the KMP will be made using the **WB Procurement Regulations for IPF Borrowers for Goods, Works, Non-Consulting and Consulting Services (July 2016; revised November 2017 and August 2018)**. The bidding documents will include specific requirements that minimize the use of expatriate workers and encourage hiring of local workers.

The procurement approach to construction works contracts for the BRT infrastructure will be open International Competitive Bidding (ICB) using request for bids based on single stage two envelope with post qualification. The procurements for off-corridor improvement works shall be targeting the national market and thus National Competitive Bidding (NCB) approach shall be used.

The WB's standard bidding documents shall be used for ICB procurements whereas the procurements targeting the national market would be carried out using the NCB bidding documents. The NCB documents will be agreed with the WB and will include provisions meeting the aspects given in section 5.4 of the WB Procurement Regulations.

Evaluation and award of contract will be based on the lowest evaluated responsive bid received from a qualified bidder. Contracts are envisaged to be **admeasurement with price adjustment**. No specific contract conditions are identified at the moment; however, this does not restrict the Consultant to propose those.

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Based on the Yellow BRT Corridor segments and the complexity of the operations during the construction phase, the summary of *anticipated* procurement packages is provided in the *Table 3* below.

*Table 3 Yellow BRT Corridor infrastructure procurement packages*

Procurement package	Approach	Priority
Package 1: Depot No. 1	NCB	II
Package 2: Depot No. 2	NCB	II
Package 3: Road corridor & BRT infrastructure (segments 0, 1 and 2)	ICB	III
Package 4: 1 km long bridge (segment 3)	ICB	I
Package 5: Road corridor & BRT infrastructure (segments 4, 5, 6 and 7)	ICB	III
Off-corridor improvements - 1 Package	NCB	II

Prior to launching the procurement activities, the Consultant shall prepare bidding documents for civil works packages *according to priority schedule* presented in *Table 3*, and finalize those upon receiving comments from the Client. Specific attention shall be given to preparation of contractor's selection criteria. There is also a need to provide sample environmental and social safeguards non-conformance documentation with sufficient details to inform the contractors at the bidding stage that they will be, among all, assessed on environmental and social capability and that they must deploy staff to carry out and supervise the physical environmental and social mitigation measures and checking as they would for any other construction activity in line with other standards of quality and control.

The bidding documents are to be based on Detailed Design, and include:

- Request for bid, instructions to bidders, and bid forms;
- BoQ including the cost of implementing E&S safeguards;
- Technical specifications;
- Relevant set of drawings;
- Conditions of contract;
- Form of contract; and
- SG requirements.

During the bid preparation period, the Consultant shall fully assist in conducting pre-bid conference and site visits, preparing minutes on pre-bid conference and site visits, responding to questions by bidders, preparing addendums to bidding documents [if any], and opening of bids. To the extent necessary and practical, the Consultant shall assist in: evaluation of bids, preparation of evaluation reports, contract award, any negotiations/clarification with the successful bidder to expedite preparation activities, civil works and supervision assignment.

#### Procurement of Works under Design-Build Mode

The construction works contract for the Package 4, i.e. 1 km long bridge, will be awarded on design and build (D&B) basis.

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The Consultant shall:

1. Review available Preliminary Design and suggest improvements [if any] before using that Preliminary Design to describe the Employer's requirements in the bidding documents.
2. Assist the Client in preparation of Employer's requirements on the basis of the Preliminary Design and above recommendations, as well as in preparation of bidding documents (initial selection document and request for proposals).
3. Provide necessary support to the Client in initial selection of contractors by assisting in: preparation of initial selection document, advertising calls for initial selection, responding to questions by potential applicants and opening of applications, evaluation of submissions by applicants, preparation of evaluation reports, preparation and distribution of notices on initial selection, and responding to applicants' appeals, if any.
4. During the proposal preparation period, assist in conducting pre-proposal conference and site visit, preparing minutes on pre-proposal conference and site visit, responding to questions by proposers, preparing addendums to initial selection documents (if any), and opening of proposals.
5. Assist in: evaluation of proposals, preparation of evaluation reports, contract award, any negotiations/clarification with the successful proposer to expedite Detailed Design preparation and execution of civil works.

Draft Detailed Design for Package 4 shall be submitted for review within maximum of 2 (two) months from the commencement of the construction contract following the priorities detailed in Table 3.

The main purpose of the Detailed Design is to provide sufficient detail for execution of works. The Detailed Design drawings are to contain sufficient details to permit contractor to carry out construction work effectively and unambiguously and with highest standards of quality and consistent with environmental and social safeguards documentation, and will be further supported by relevant reports, calculations and specifications.

#### Environmental and Social Safeguards

The Consultant will proactively integrate E&S safeguard aspects in key project processes/procedures covering, among others, procurement process, preparation and evaluation of bidding documents.

#### **TASK 3 – CONSTRUCTION SUPERVISION AND CONTRACTS ADMINISTRATION**

The Consultant shall perform the duties and authority of "the Engineer" as specified in or as necessarily implied by the contract, as well as administer the construction contract. Taking due regard of all relevant circumstances, the Consultant shall perform his duties or act:

- Where the initiative lies with the Employer/Consultant in administering the construction contract;
- In response to the contractor's or the Employer's requests; and
- In observing the requirements of the construction contract:







Wherever appropriate and not in conflict with the construction contract, the Consultant shall exercise every reasonable care to protect the interests of the Employer.

The Consultant will largely support in ensuring and confirming the compliance of EIA, SIA and CLRP through supervision, monitoring, and implementing contractors' management plan(s) related to environmental performance, reporting non-compliances and ensuring remedies.

In order to fulfill the above, the Consultant shall always take necessary measures and provide appropriate advice to the Client to enable the contract to be completed in timely and cost-effective manner, in conformity with the contract conditions and specifications. The Consultant and the Contractor shall arrange for the Client and the WB the opportunity to inspect the works and related documentation.

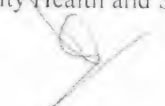
#### Construction Activities

During the construction period the Consultant shall:

1. Satisfy himself as thoroughly as possible to the nature and scope of the works, of all information available and of documents and materials to be used by the contractor in executing the works, so as to enable him to perform his duties satisfactorily, study and check all documents associated with the project, foresee possible problems and advise the Employer appropriately during the construction;
2. Set up project control parameters based on the requirements of the project and in conjunction with the contractors to report project plans, cost/schedule status and forecasts, and identify issues with project control parameters. The Consultant should be able to model various recovery scenarios to facilitate decision making of the Client and Contractors;
3. Set up document control as per the requirement of the project to track, manage and store information electronically, reducing paper copies;
4. The Consultant shall monitor the implementation of contractual conditions/clauses in letter and spirit, and timely advice the Client of any lapses. All submissions made by the contractor, with respect to the contract shall be scrutinized, get corrected from the contractor and submitted to the Client with appropriate recommendations under the provisions of the construction contract. Such recommendations must carry contractual and legal qualifications. Set up and establish the system of managerial control for the works contract with provision of assistance to the Client maintaining control over activities' prices and contract outcome costs, in monitoring the progress of the works, the disbursements and technical records;
5. Review of the construction drawings and supporting documents to ensure that all technical requisites are met to produce a safe and technically correct design. Obtain a copy and keep a file of any applicable standards, rules or regulations of all the relevant authorities and public bodies and companies, whose property or rights are affected or may be affected in any way by the project. Monitor and report to the Client on obtaining compliance with the specified consents by the contractor;

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6. Supervise the construction of the works with due diligence and efficiency and in accordance with sound technical, administrative, financial and economic practice. The Consultant shall perform all duties associated with such tasks to ensure that only the best construction practices are followed, and that the final product is in all respects equal to, or better than that specified, and is carried out in full compliance with the governing specifications;
7. Verify that the progress of the works is in compliance with the time programme pursuant to Conditions of Contract and milestone schedule approved under the construction contract. Notify the Client as early as possible in advance of any possible failure to attain a milestone by the applicable date or non-compliance with the programme. If for any cause other than those listed in the construction contract, the rate of progress of the works is at any time, in the Consultant's opinion, too slow to ensure the completion of the works within time for completion, instruct the Contractor in accordance with the construction contract in writing with a copy to the Employer;
8. Prepare a comprehensive SG compliance monitoring framework in consultation with the PMT. The framework should cover, but not limited to, the parameters to be monitored (as identified by SG documents), monitoring tools (templates/checklists/field visits / meetings and consultations etc.), monitoring frequency, resource allocation including assigned staff with clear roles and responsibilities, the ways to identify non-compliances and remedies, reporting and due diligence mechanism within/along the reporting line. *Such monitoring framework will be a living document and may be customized/adjusted, subject to client's approval, to the needs periodically.*
9. Confirm and ensure that Contractor(s) has prepared the site-specific Contractor's ESMP (C-ESMP) and relevant mitigation plans to offset or reduce E&S, health and safety impacts during construction/ implementation phase (as guided by EIA, SIA). Review and approve C-ESMP, the relevant mitigation plans, ESHS provisions of method statements and implementation plans including all updates and revisions (not less than once every 6 months). Some of these mitigation plans and measures may include:
  - a. Sanitation plan,
  - b. Soil pollution control plan
  - c. Dust/Air pollution control plan
  - d. Waste management plan
  - e. Health and safety plan
  - f. Noise abatement plan
  - g. Traffic management plan
  - h. Campsite restoration plan
  - i. Compensatory tree plantation and planted tree survival plan.
  - j. Community Health and Safety Plan



10. Measures to address impacts on public utilities, parking in narrower sections and restriction to access and mobility during construction.
11. Provide effective support in CLRP implementation.
12. Play an effective role in implementing the grievance redress mechanism (GRM), as described in the social safeguard documents, to receive and facilitate resolution of displaced persons' concerns, complaints and grievances about the CLRP implementation and the projects overall environmental and social performance.
13. Monitor and confirm that the contractor(s) has put in place the required organizational set-up and is applying relevant safeguard management tools and applying non-compliance remedies effectively.
14. Monitor and ensure that in case of sub-contracting, the relevant contractor is adhering to and complying with all its contractual commitments with regards to safeguard compliance.
15. Support and confirm in conducting capacity building activities (trainings, awareness sessions, exposure visits etc.) as identified and outlined in the safeguard documents for key project staff and implementing partners/stakeholders. It is further expected that consultants will design and impart tailor made/customized training curricula as per need and requirement. The participants<sup>8</sup> may include the staff/workers of: (a) PMT-SMTA, (b) Infrastructure Development Company, (c) Operator Company, (c) Environmental Consultancy Firm, (d) Contractors.
16. Monitor, ensure and confirm that respective contractor(s) is taking appropriate mitigation measures against the potential adverse environmental, social, health and safety (ESHS) impacts. Some of the potential hazards/adverse impacts against which mitigation measures need to be monitored on priority include:
  - a. Existence of electric pylons: leading to safety hazards due to existence of electric pylons at corridor
  - b. Air Quality: air pollution resulting in poor visibility, loss of vegetation, property damages, and health implications on workers and nearby community due to fugitive emissions of dust (SPM, PM10, PM2.5), stack and vehicular emissions during construction activities;
  - c. Soil: Soil contamination due to storage of oily parts and oily rags on unpaved floors, spillage and leakage of chemicals, fuel, and lubricants on soil (construction camps/sites);
  - d. Noise: may cause nuisance and health impacts on workers and nearby community due to noise from construction machineries, generators, construction activities and vehicular movement;
  - e. Clogging of wastewater drains: potentially causing nuisance, odor, soil pollution, outbreak of diseases due to ponding and breeding of mosquitos and flies;

<sup>8</sup> BRT ESIA Section 7.5.




- f. Protection of wastewater drains during construction activities to protect clogging of drains.
  - g. Flooding at Corridor: potentially causing nuisance, odor, soil pollution, outbreak of diseases due to ponding and breeding of mosquitos and flies;
  - h. Proper Storm Water Drainage at Corridor: Proper storm water drainage system is required at corridor to avoid flooding issue Designer Design stage
  - i. Wastewater: soil and water contamination, odor, health implications on workers and community (due to breeding of mosquitos and flies), and nuisance due to improper wastewater Treatment;
  - j. Vegetation loss / Tree Cutting
  - k. Physical Cultural Resources (PCRs): Chances of the loss of PCRs at the project sites during excavation
  - l. Control of Stack and Vehicular Emissions: the stack emissions from generators, if used as standby source of power supply and vehicular/machinery movement at the site can affect the ambient air quality.
  - m. Solid Waste and Surplus Construction Material: may cause nuisance, health implications on workers and community
  - n. Chemicals and Hazardous Waste: potentially causing nuisance, odor, soil pollution, outbreak of diseases due to ponding and breeding of mosquitos and flies;
  - o. Health and Safety: health and safety hazards for workers and community due to construction activities/sites; thus, requiring Occupational Health and Safety Management.
  - p. Fire: leading to serious health, safety issues and loss of property assets.
  - q. Traffic: traffic congestion at or around construction sites due to construction activities may cause disruption of normal social activities, loss of time and resources etc.
17. Check that the Contractor's actual reporting (content and timeliness) is in accordance with the Contractor's contractual obligations;
18. Review and critique, in a timely manner, the Contractor's ESHS documentation (including regular reports and incident reports) regarding the accuracy and efficacy of the documentation;
19. Issue acceptance and/or approval, as appropriate, of submissions required from the Contractor, including, but not limited to: staff appointments, insurances, guarantees, licenses, programs, method statements, Traffic Management Plan (TMP), safety measures, suppliers and materials for incorporation in the works, quality assurance and control plans, laboratory provisions and execution of the testing program, subcontractors, plant, equipment and Environmental and Social Management Plan (ESMP), including the plan on Gender-Based Violence (GBV), and other E&S mitigation plans required in the EIA;

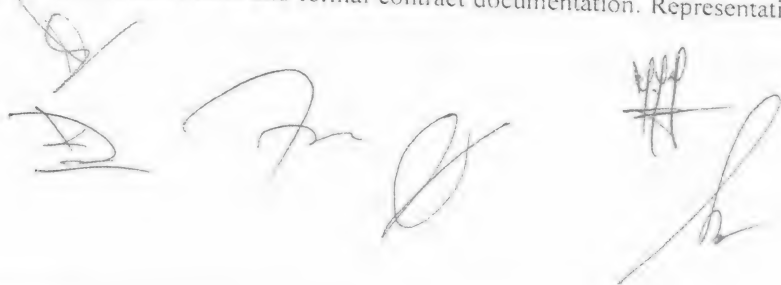




20. Coordinate actions and activities of all the stakeholders concerned with the Project through appropriate meetings, which are to be recorded. The minutes shall report on the actions to be taken by all parties. Thereafter, the Consultant will check that the actions to be taken by the parties are implemented. The Consultant will act on behalf of the PMT in this matter and will be responsible for enforcing quality criteria, including safety measures, actions identified in the ESMP and TMP, time schedule, and all other conditions included in the contract;
21. Ensure that the day-to-day construction activities are carried out in an environmentally and socially sound and sustainable manner, and monitor and supervise compliance with environmental and social impact mitigation measures during the works implementation in consultation with the environmental and social staff in the PMT. Agree remedial action/s and their timeframe for implementation in the event of a noncompliance with the Contractor's ESHS obligations;
22. Ensure appropriate representation at relevant meetings including site meetings, and progress meetings to discuss and agree appropriate actions to ensure compliance with ESHS obligations
23. Jointly with the contractor, identify and mark all utilities with the help of competent authorities and assist the Client in effecting removal/relocation (where necessary) of utilities within the RoW;
24. Jointly with the contractor, identify and locate all beacons and benchmarks to enable the contractor to set out and perform the works;
25. Liaise with the respective authorities to ensure that the assessment and compensation for properties if any, within the RoW is done before the contractor is given possession of site. The Client is responsible for handing over the RoW to the Engineer and contractor for the road construction works;
26. Inspect, test or have tested by competent entities, and approve all materials to be incorporated into the works to ensure compliance with technical specifications requirements. A system of formal testing procedures must be set up covering the frequency of testing, type of tests to be carried out and methods and formats of reporting the result. According to the provisions of the laws and regulations regarding control of the quality of the works, the Consultant shall: (i) prepare the program of testing the quality of the executed works, (ii) order any investigations and testing to determine the cause of defects and instructing the removal of improper work, (iii) take samples from the site, (iv) supervise performance of the test work, (v) issue reports regarding the observed quality of the executed works, and (vi) recommend actions to be taken in the case of unsatisfactory result;
27. Keep updated all records including reports, works diaries, correspondence, instructions given to the contractor, test records, payment records and all other relevant documents pertaining to the works operations and supervision contract;
28. Maintain a site diary on a daily basis with the contents and format to be agreed with the Client. Site diary will record all events pertaining to administration of contract, instructions issued to the contractor, pertinent requests from the contractor and any other information which will be of assistance in resolving any dispute or claims. The

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- site diary will include the daily diary sheets from members of the supervision staff, and instructions and observations made by the representative of the Client during any of the site visits;
29. Prepare consolidated monthly reports on physical and financial status, site meetings and contractual matters with particular reference to variation orders and contractor's claims. Monthly reports shall deal specifically with monitoring and follow-up of agreed environmental and social mitigation measures and with the contractor's adherence to health and safety standards and anti-corruption measures as applicable under the contract. Specifically, report will include a breakdown of non-compliances and rectification by the contractor, and the summary of testing and monitoring results. Each monthly report should include recommendations if any, for action by the Employer;
  30. Provide immediate notification to the Client should any incident in the following categories occur while carrying out the Services. Full details of such incidents shall be provided to the Client within the timeframe agreed with the Client.
    - a. Confirmed or likely violation of any law or international agreement;
    - b. Any fatality or serious (lost time) injury;
    - c. Significant adverse effects or damage to private property (e.g. vehicle accident); or
    - d. Any allegation of gender-based violence (GBV), sexual exploitation or abuse (SEA), sexual harassment or sexual misbehavior, rape, sexual assault, child abuse or defilement, or other violations involving children
  31. Ensure that contractor immediate notifications on ESHS aspects are shared with the Client immediately;
  32. Immediately inform and share with the Client any immediate notification related to ESHS incidents provided to the Consultant by the Contractor, and as required of the Contractor as part of the monthly and quarterly reporting;
  33. Share with the Client in a timely manner the Contractor's ESHS metrics, as required of the Contractor as part of the monthly and quarterly reports.
  34. In collaboration with the contractor, monitor the creation of employment opportunities as a result of the works, by recording month by month the number of people employed by the contractor and sub-contractors, and calculate the number of person-days of work created by the works contract (separately for men and women). As much as possible and reasonable, estimate the creation of employment opportunities also through businesses indirectly related to the works;
  35. Prepare control charts of main activities and a project master schedule, indicating both past performance and forecasts for completion including time involved in each case. The methodology will involve development of a hierarchy of programs, including a summary program for overall control, contractor's mobilization, construction activities including key dates, completion and commissioning, and defects liability requirements. It will also cover document review and formal contract documentation. Representation



of progress on individual elements will depend on the nature of the works. The progress of each major operation will be reported individually and marked-up diagrams used to show the comparison of work actually completed with programmed completion. This clear diagram presentation supplements the activity progress information given in the tabular schedule reports and bar charts. The Consultant shall, to the extent possible, link and generate the progress and all status reports and monitoring of the work program using the appropriate computer software agreed with the Client:

36. Check and ascertain the contractor's interim and final payment certificates for consideration by the Client. Interim Payment Certificates (IPC) for the works executed should clearly indicate the foreign exchange costs, the local costs and taxes and duties. IPCs to be submitted to the Client for payment purposes shall include the total cost of the works executed in foreign exchange and local costs (net of taxes and duties). Resolve with the contractor, where possible, any mistakes and queries which may arise in conjunction therewith, and advise the Client of any adjustments considered necessary;
37. Record, examine and evaluate all claims submitted by the contractor and submit timely recommendations thereof for consideration by the Employer;
38. Negotiate with the contractor the price of additional works in the contract, if any, subject to the approval of the Client;
39. The Consultant may, with prior consultation with the Client, effect changes in design or specifications where required, which will improve the quality of the works. Such changes shall not increase the contract time, nor shall increase in contract price resulting from such changes exceed a percentage to be agreed with the Client. In addition, such changes shall also be subject to reassessment of E&S implications and required measures;
40. The Consultant shall monitor and keep an inventory of all shop drawings for each works component; a digital archiving database on computer in this regard shall be developed. The Consultant shall advise the Client that the material and specifications used conforms to the agreed conditions of contract as depicted from the shop drawings. 10% sampling of fixtures shall be tested for compliance;
41. Prepare and submit to the Client the final account for the executed works;
42. Foresee potential problems, specially based on the lessons learned from the projects of similar nature, and advise the Client appropriately during the construction period;
43. The Consultant shall assist the Employer in settling of the audit observations and objections raised [if any] by any department/authority/agency and prepare replies in this regard, related to the project and provide available relevant documents/papers/letters etc. to support the replies;
44. Where applicable, the Consultant shall continuously review condition of the existing roads/streets in the area used as construction transport routes, and suggest necessary repairs of damage due to such traffic to the appropriate quality standards;

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45. Supervise contractor's work on preparation of as-built drawings and maintenance manuals. The consultant shall validate the drawings as per construction done. The Consultant shall develop the firm-up estimate as per final completion of the Project;
46. Prepare a final construction report;
47. Prepare complete set of documents for technical acceptance procedure with the relevant authorities, as well as complete set of documents to enable entry into cadaster books/records;
48. Participate in the semi-annual project supervision missions, which may take place in Pakistan or in neighboring countries, upon the request of the Employer or WB.
49. The Consultant shall assist the Client during the Dispute Adjudication Board (DAB) proceedings, if any, and assist the Client in submission of response to DAB queries and attend meetings alongside the Client whenever required during the DAB proceedings.
50. Undertake audits and inspections of Contractor's accident logs, community liaison records, monitoring findings and other ESHS related documentation, as necessary, to confirm the Contractor's compliance with ESHS requirements
51. The Consultant shall seek prior written approval of the Client to:
  - a. Issue the order to commence the works;
  - b. Issue any variation of scope of work with or without financial implications for the contract price, except in an emergency situation, as reasonably determined by the Consultant;
  - c. Sanction additional items, sums or costs;
  - d. Approve subletting of any part of the works;
  - e. Approve any extension of the time for completion;
  - f. Issue instruction for suspension of all the works;
  - g. Approve any other type of variation;
  - h. Perform additional control testing in excess of the quantities defined by the relevant regulations.

If the Consultant does not fulfill its obligations under subparagraphs (a) to (h) above, it will assume full financial and legal responsibility of such fault.

#### Post-Construction Activities

The Consultant shall supervise any corrective repairs and other works (including the administrative aspects of the works) during the Defect Notification Period (DNP) which is set to 12 (twelve) months. For purposes of carrying out these services the Consultant shall assign necessary personnel to carry out inspection of the works and for the final inspection, preparation and issuing of final certificate. During this period, the Consultant shall be expected to draw the attention of the contractor to any defects as soon as such defects are noticed and shall supervise the subsequent remedial works by the contractor, as well as report to the PMT on defects and remedial works.

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### Capacity Building and Innovative Approach

The Consultant would be required to plan and deliver capacity building trainings, through internationally accredited institutions / trainers, for the Client's staff. These trainings would be in the areas of BRT design & planning concepts (four complete trainings/certifications), procurement (design build contract) & contract management (four complete trainings/certifications), project management (four complete trainings/certifications), BIM (two complete trainings/certifications), QHSE (four complete trainings/certifications) and relevant engineering software, financial and risk management (four complete trainings/certifications), advanced economic and financial evaluation of capital projects (four complete trainings/certifications), etc. These trainings must be internationally recognized institutions / trainers.

The Client desires to implement the Project adopting new and modern techniques for project planning, design and implementation i.e. BIM. The Consultant will undertake the design stage using processes compliant with BIM 2.0 (or later), as defined in BS 1192 or equivalent. All design layers embedded in 4D BIM model with materials information including recommended vendors. During the construction stage of the project, the consultant shall use BIM 2.0 (or later) processes to fulfill its contractual obligations to the Client. The following BIM deliverables and other outputs will be required:

- Site model
- Massing model
- Architectural, structural, MEP models
  - For regulatory submissions
  - For coordination and / or clash detection analysis
  - For visualization
  - For cost estimation
- Schedule and phasing program (In BIM)
- Construction and fabrication models
- Shop-drawings
- As-built model (in native proprietary or open formats)
- Data for facility management
- Other additional value-added BIM services

There will be routine presentations during the Project to monitor the BIM model in contrast to the construction works and the final BIM model shall be under the ownership of the Client. Therefore, the Consultant must identify skilled staff for all disciplines who will take part in the project delivery from design stage to execution and operation/maintenance through BIM.

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## DELIVERABLES

The Consultant shall prepare and submit designs, documents and reports described in this section. All deliverables shall be prepared in English. In addition to 3 (three) hard copies, electronic version of each report, in an open format ready for editing (pdf version is not acceptable), will be submitted. The *Table 6* below provides the summary of all specified and described deliverables, and schedule of submission.

### INCEPTION REPORT

The Consultant shall submit Draft Inception Report within 4 (four) weeks of commencement of services. Apart from the detail description of the program of services for the first two tasks (Detailed Design preparation and Procurement Assistance), report shall include results of the Preliminary Design review, as well as recommendations for the following design stage.

The Client shall review the draft within 2 (two) weeks of submission upon which the Consultant will have additional 2 (two) weeks for submission of the final Inception Report.

### INTERIM REPORTS ON SUPPORTING TECHNICAL STUDIES AND ANALYSIS

Using the findings of the additional surveys, investigations and analysis carried out and listed in Section 0, the Consultant shall submit interim reports summarizing the findings of the consulting activities for the following:

*Table 4 Schedule of delivery for Supporting Studies and Analysis*

Report	Submission
Topographic Survey	3 months from start
Traffic Engineering Study	3 months from start
Parking Study	3 months from start
Residual Pavement Strength Survey	3 months from start
Structural Condition Survey	3 months from start
Hydrological Study	3 months from start
Geotechnical Survey and Investigations	3 months from start
Utility Survey	3 months from start

The Client shall review the drafts within 3 (three) weeks of submission after which the Consultant will have additional 2 (two) weeks for submission of the final Interim Reports.

### DETAILED DESIGN

Draft Detailed Design for all infrastructure shall be submitted for review within maximum of 6 (six) months from the commencement of the services following the priorities detailed in *Table 3*, and in accordance with the schedule provided in . The consultant will organize and conduct meetings with project stakeholders as needed, as well as workshops after submission of draft and final detailed designs, to guarantee mutual understanding of project issues and proposed options. All expenses for those workshops should be borne by the consultant under their consulting contract.

*Table 5* below. The consultant will organize and conduct meetings with project stakeholders as needed, as well as workshops after submission of draft and final detailed designs, to guarantee

mutual understanding of project issues and proposed options. All expenses for those workshops should be borne by the consultant under their consulting contract.

*Table 5 Schedule of delivery for Detailed Design*

Procurement package	Submission
Package 1: Depot No. 1	3 months from start
Package 2: Depot No. 2	3 months from start
Package 3: Road corridor & BRT infrastructure (segments 0, 1 and 2)	6 months from start
Package 4: 1 km long bridge (segment 3)	See sections 4.2.1 and 0
Package 5: Road corridor & BRT infrastructure (segments 4, 5, 6 and 7)	6 months from start
Off-corridor improvements – 1 Package	4 months from start

Final Detailed Design for each package will be submitted within six (6) weeks from the receipt of comments.

### BIDDING DOCUMENTS

Draft and final bidding documents will be prepared and submitted along with the draft final Detailed Design for each package following the schedule provided in . The consultant will organize and conduct meetings with project stakeholders as needed, as well as workshops after submission of draft and final detailed designs, to guarantee mutual understanding of project issues and proposed options. All expenses for those workshops should be borne by the consultant under their consulting contract.

*Table 5*, except for Package 4 which shall be delivered 2 (months) from start of services. The WB's standard procurement documents shall be used for developing ICB packages. One set of standard NCB documents shall be prepared and agreed with the Bank prior to adopting them for the identified procurement packages.

### DETAILED DESIGN REVIEW REPORT FOR PACKAGE 4

The Consultant shall review Detailed Design developed by the contractor and comment on any issues, mistakes or improvements that, in the opinion of the Consultant, need to be addressed to secure successful completion of the D&B contract. The Consultant will assist the Client in review and approval of the design by certifying that the design meets all required parameters and comply with the Employer's requirements, moreover, ensure that any issues associated with the contractor's design are resolved expeditiously.

The Consultant will have the following obligations:

1. Assess the adequacy of the basic input (topography, geotechnics, hydrology, pavement, etc.) data used for the design;
2. Assess the applicability of the design basis established for the design;
3. Check adequacy of the contractor's design based upon own calculations and evaluations;
4. Assist in obtaining approval of the design from the official body/ies, if any.

The Consultant shall review Detailed Design set of documents for 1 km long bridge and submit the relevant report within the 3 (three) weeks upon its submission by the Contractor. This



report shall include results of the review and identification of any non-compliance likely to cause material deficiency and/or delay, or other adverse consequences compromising the safety, serviceability and economy of the design based on the guidelines provided in the Employer's requirements of the bidding document.

Report will contain specific determination regarding the content and quality of the submission, i.e. "no comments" or "minor comments" which do not require resubmission or "specific comments" where the design is not in accordance with the applicable procedure and code requirements or deviating any legal and technical regulations. With such specific comments, the Consultant shall ensure that the contractor resubmits the revised duly complied Detailed Design for further review within agreed time frames. The Consultant shall ensure that the concerned design review team of consultant work jointly with the contractor to address comments on the design, minimize rework potential and reduce the cycle of comments from consultant to the contractor during finalization of detailed design. The Consultant shall ensure that changes are proposed wherever the contractor's design violates the pertinent codes, procedures and requirements described in the Employer's requirements, however, margin for discretion of design shall be provided to the contractor and extent of changes shall not cause to absolve the contractor from the responsibility of design or provide grounds of claim to the contractor due to the changes suggested above and beyond the Employer's requirements.

If, in the opinion of the Consultant, there is a need for additional field and/or design work to secure quality and an acceptable design life of the works covered by the contract, required changes shall be defined and further work of the contractor will be supervised by the Consultant.

#### WORKS COMMENCEMENT REPORT

The Consultant shall submit the Works Commencement Report within 4 (four) weeks of commencement of the construction works in the field, for each of the works contracts. This report shall include results of the contractor's work program review, any modifications thereto, status of the contractor's mobilization, advance payment, bank guarantees, insurances, program of quality testing, and any other matters requiring the Client's attention and action.

#### MONTHLY PROGRESS REPORTS

The Consultant shall prepare progress reports every month for the duration of the works, for each of the works contracts. These should reach the Client not later than 15 (fifteen) days after the end of the month being reported on. The format and the text of the monthly progress reports shall be as agreed with the Client. The report will include, but not be limited to the following:

- Useful information regarding the implementation of the contract allowing a technical and financial follow up of the project;
- Recording of any agreed changes on the original envisaged technical solutions;
- Suggestions for resolution of any technical and other problems (a separate section will be given to cover issues, problems and solutions) which occur and those affecting the progress of the works such as variation orders to the contractor and contractor's claims;
- Financial status of both the construction and the supervision of the civil works;






- Progress charts including percentages of completion of individual main work items and overall contract;
- Status on contractor's allocated resources vs. actual resources deployed at site;
- Quarterly budget forecasts and milestone values expected to be achieved;
- Weather information and charts;
- Construction and supervision data;
- Breakdown of non-compliances and rectification by the contractor, and the summary of testing and monitoring results;
- Status of compliance with the ESMP, and plan on GBV;
- Information on contractor's adherence to health and safety standards and anti-corruption measures.

#### ENVIRONMENTAL AND SOCIAL SAFEGUARDS MONITORING REPORTS

The Consultants will generate E&S safeguards monitoring data/reports on monthly and quarterly basis as guided by EIA, SIA, and CLRP. The reporting will also include the implementation of the Grievance Redress Mechanism (GRM). Quarterly Progress Report (QPR) will be shared, among others, with the Bank for its review and final clearance.

#### DEFECT NOTIFICATION PERIOD REPORTS

The Consultant shall submit quarterly reports, for each of the works contracts, showing events and activities for the previous reporting period during DNP within 10 (ten) days after the inspection.

Final DNP report, for each of the works contracts, will be submitted within 30 (thirty) days after the expiration of the DNP.

#### SPECIFIC REPORTS

The Consultant shall deliver special reports on any major issue raised during the contract implementation, at the Client's request.

#### FINAL CONSTRUCTION AND PERFORMANCE REPORTS

The draft Final Construction Report, for each of the works contracts, shall be submitted not later than 4 (four) weeks after the completion of construction works (i.e. issuance of Taking over Certificate). The report should enable the Client to know the type, quality and quantity of materials used and all information which, together with the as-built drawings (original and 5 (five) hard copies) and specifications and maintenance manuals, will help in maintenance of the Yellow BRT Corridor and off-corridors.

The report shall also include a summary of principal difficulties encountered during construction and means employed to overcome them, changes (if any) made in the original design, modifications to specifications and conditions of contract, all variation orders, assessment of contractor's claims, utilization of provisional sums, price variation and physical contingency sums, cumulative monthly payments to the contractor, by date and number of

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payment certificate and break down into foreign and local currencies and including a similar payment schedule for supervision services. The details of the overall project costs (construction and supervision) with justification for any significant differences with the original shall be given in the final report. All necessary approvals by the Client and other relevant authorities shall be attached.

The Client shall review the draft Final Construction Report, for each of the works contracts, within 2 (two) weeks of submission upon which the Consultant will have additional 2 (two) weeks for submission of the final version.

Upon issuance of the Performance Certificate and the final payment certificates, for each of the works contracts, the Consultant shall prepare the Project Performance Report, for each of the works contracts, within 4 (four) weeks of issuance of Performance Certificate.

Table 6 Summary and schedule of deliverables

Phase	Deliverable	Submission
Design	1. Inception Report followed by the workshop	4 weeks from start Draft 2 weeks after receipt of Final comments
	2. Interim Report – Supporting Studies and Analysis <ul style="list-style-type: none"> <li>i. Traffic Engineering Study</li> <li>ii. Parking Study</li> <li>iii. Topographic Survey</li> <li>iv. Residual Pavement Strength Survey</li> <li>v. Structural Condition Survey</li> <li>vi. Hydrological Study</li> <li>vii. Geotechnical Survey and Investigations</li> <li>viii. Utility Survey</li> </ul>	3 months from start Draft 2 weeks after receipt of Final comments
	3. Detailed Design (3 workshops for briefing on analysis reports, detailed designs and safeguards)	
	<ul style="list-style-type: none"> <li>Draft for Depots No. 1 and No. 2</li> <li>Draft for Road corridor &amp; BRT infrastructure (segments 0, 1 and 2)</li> <li>Draft for Road corridor &amp; BRT infrastructure (segments 4, 5, 6 and 7)</li> <li>Draft for Off-Corridor improvements</li> <li>Revised Draft ESIA</li> <li>All final designs &amp; Final ESIA</li> </ul>	<ul style="list-style-type: none"> <li>3 months from start</li> <li>6 months from start</li> <li>6 months from start</li> <li>3 months from start</li> <li>with detail designs</li> <li>4 weeks after receipt of comments</li> </ul>
	4. Bidding documents	<ul style="list-style-type: none"> <li>3 months from start</li> <li>Draft for Depots No. 1 and No. 2</li> <li>Draft for Road corridor &amp; BRT infrastructure (segments 0, 1 and 2)</li> <li>Draft for 1 km long bridge (segment 3)</li> <li>Draft for Road corridor &amp; BRT infrastructure (segments 4, 5, 6 and 7)</li> <li>Draft for off-corridor improvements</li> </ul>

Phase	Deliverable	Submission
		All final versions comments
	5. Detailed Design Review Report for Package 4	3 weeks upon receipt of design
Supervision	6. Works Commencement Report (for each works contract)	4 weeks from start of works contract
	7. Monthly Progress Reports (for each works contract)	15 days after the end of month being reported on
	8. Environmental and Social SG Monitoring Reports	monthly and quarterly basis as guided by EIA, SIA, and CLR.P
	9. Defect Notification Period Reports	10 days after inspection
	Quarterly reports (for each works contract)	30 days after expiration of the DNP
	Final DNP Report (for each works contract)	
	10. Specific Reports	15 days upon request
	11. Final Construction Reports (for each works contract)	4 weeks after completion of construction works
		Draft 2 weeks after receipt of comments
		Final 4 weeks after issuance of Performance Certificate
	Project Performance Reports (for each works contract)	

### TEAM COMPOSITION

In order to execute its obligations, the Consultant shall provide the staff and its head office expert assistance as described hereunder. It is specifically noted that the preparation of the Detailed Design for the Yellow BRT Corridor, Depots and off-corridors will run in parallel and the Consultant is required to secure enough capacity of design teams. In order to properly undertake the services, the Consultant shall be expected to field well-qualified key & non-key staff with fluency in English, headed by a **Project Manager**.

**Project Manager:** Shall have overall responsibility for coordination among the consultant's team, PMT/SMTA and other stakeholders during the complete implementation of the project and provides overall guidance and support to its team. S/he shall possess at least 20 (twenty) years of experience, out of which at least 15 (fifteen) years as a team leader or equivalent capacity on civil engineering projects preferably infrastructure development and has led the team of international and national experts.

**Educational Qualification:** Shall be a qualified Civil Engineer, preferably with master's degree in civil engineering or relevant subject (internationally recognized professional qualification). The person on this position should have ability to lead team-work during the projects, inter-

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personal, inter-cultural and strong communication skills to ensure effective stakeholder management throughout the project.

## KEY STAFF

### Phase 1: DETAILED DESIGN AND PROCUREMENT SUPPORT

- .1.1 **Senior Urban Road and Bus Rapid Transit System Expert- Team Leader Design:** Shall have full responsibility for all technical and administrative aspects, including stakeholder management, required for the design phase to ensure timely preparation of these. S/he shall possess at least twenty (20) years of experience in infrastructure projects, out of which at least twelve (12) years as a Team Leader or equivalent capacity on urban road/transit and infrastructure design and construction projects of similar nature, scale and complexity to this project. S/he will possess extensive experience in design, construction and supervision of urban road/transit projects, contract and project management. S/he should have served in a similar role on long-term basis on at least three (3) previous successfully similar assignments where the value of the works designed / executed was at least USD fifty (50) million for each assignment. Experience of working for at least five (5) years in countries with similar conditions.

*Educational Qualification:* Shall be a qualified Civil Engineer, preferably with master's degree in civil engineering or relevant subject (internationally recognized professional qualification). The person on this position should have ability to lead team-work during the projects, inter-personal, inter-cultural and strong communication skills to ensure effective stakeholder management throughout the project;

- .1.2 **Senior Bus Rapid Transit System Design Expert:** shall have at least fifteen (15) years of professional experience in urban transport planning or engineering out of which at least ten (10) years of experience should be in a similar role working on projects of similar nature, scale and complexity. H/She shall be responsible to assist the Team Leader in managing *all* design related matters and shall lead the design team in preparation of detail designs of the project, relevant technical documentations and comprehensive design coordination keeping all aspects of urban transport, mass transit and quality in consideration. Experience of working for at least 5 (five) years in countries with similar conditions, fluency in English language is required.

*Educational Qualification:* Shall be a qualified Civil / Transport Engineer, preferably with master's degree in civil engineering – specialization in Transportation/ Urban Transport/ Traffic Engineering or relevant subject (professional qualification recognized internationally). Advanced qualifications and experience in MRT/BRT systems, planning, design & operations, MRT/BRT corridor design, street design, and BRT system planning and design, Public Transport System reform, management, and implementation will be an added advantage;

- .1.3 **Senior Structural/Bridge Engineer:** At least twenty (20) years of professional experience in structural design and bridge construction, out of which at-least fifteen



(15) years in concrete bridge and viaduct/underpasses designs. H/She shall oversee structures design and shall lead the team of structural engineers for all structural design works to be incorporated into the detail design, design reviews and coordination during construction supervision. Experience of working for at least 5 (five) years in countries with similar conditions.

*Educational Qualification:* Shall be a qualified Civil Engineer, preferably with master's degree in civil/structural engineering or relevant subject (professional qualification recognized internationally). Advanced certifications and knowledge in Seismic Analysis and Structural Dynamics, Structural Integrity and Maintenance, Failure Analysis will be an added advantage:

- .1.4 **Senior Pavement Engineer:** At least 15 (fifteen) years of professional experience, out of which at-least twelve (12) years in geometric design of urban road and BRT projects of similar nature, scale and complexity. S/he shall be in-charge of pavement design and supervision of all works regarding pavements for both BRT corridor and off-corridors. Experience of working for at least 5 (five) years in countries with similar conditions.

*Educational Qualification:* Shall be a qualified Civil Engineer, preferably with master's degree in civil engineering or relevant subject (professional qualification recognized internationally). Experience and knowledge of innovative practices in pavement designs will be an added advantage.:

- .1.5 **Senior Procurement Specialist:** At least fifteen (15) years of professional experience in procurement of works and services, out of which experience of at least twelve (12) years in urban infrastructure construction projects, including at least two (02) projects procured on a Design and Build (D&B) basis. S/he shall lead team of procurement engineers and shall be responsible for preparation of procurement documentation and assistance during entire procurement process during the project. Moreover, s/he will be tasked to plan and deliver capacity building training sessions for the Client's staff on the subject matter specifically on the Design and Build Contracts. Experience of working for at least 5 (five) years in countries with similar conditions, fluency in English language is mandatory and good knowledge of Urdu language will be an added advantage.

*Educational Qualification:* Shall be a qualified Civil Engineer, preferably with master's degree in civil engineering or construction management or relevant subject (professional qualification recognized internationally). Experience and knowledge of working with World Bank procurement regulations will be preferred.

## **Phase 2: CONSTRUCTION SUPERVISION & DNP**

The Consultant's supervision team shall include the following key staff members:

- .1.6 **Chief Resident Engineer (CRE) / Team Leader Construction:** At-least eighteen (18) years of professional experience in design and construction supervision of infrastructure projects; out of which at-least fifteen (15) years in the capacity of senior resident engineer leading the teams of construction supervision staff on infrastructure projects of similar nature, scale and complexity. S/he shall be responsible for the entire construction supervision matters. S/he shall be responsible

to work closely with design team, supervision staff, contractors and the Client to keep the project progress monitored and take appropriate actions when necessary to ensure timely completion of the project.

*Educational Qualification:* Shall be a qualified Civil Engineer, preferably with master's degree in civil engineering or relevant subject (professional qualification recognized internationally);

- .1.7 **2 (Two) Resident Engineers.** with at least 15 (fifteen) years of professional experience, out of which at least ten (10) years of extensive experience as a resident engineer or equivalent capacity on urban infrastructure construction projects on projects of similar nature, scale and complexity. They shall be responsible for construction aspects for the BRT corridor, off-corridors and bus depots with priority to the quality and safety matters. They shall lead teams of their respective assistant resident engineers and other construction supervision staff and shall report to the CRE. Experience of working for at least 5 (five) years in countries with similar conditions and good knowledge of Urdu will be an added advantage.

*Educational Qualification:* Shall be a qualified Civil Engineer, preferably with master's degree in civil engineering or relevant subject (professional qualification recognized internationally);

- .1.8 **Senior Contract Management Specialist:** At least fifteen (15) years of experience, out of which at least ten (10) years in urban infrastructure construction projects of similar scale and complexity. S/he will track and monitor all contractual issues, monitor and maintain an overview of issues that may put the Client at risk of financial or time effect under the terms of the contract, provide instructions on claims from a contractual point of view, establish and maintain a record of all instructions and notices issued under the terms of contract, assess the extent of cost and time effect of variations, solve problems in application of contract and legal rules, prepare drafts of any submissions and certificates for issue.

*Educational Qualification:* Shall be a qualified Civil Engineer, preferably with master's degree in civil engineering or relevant subject (professional qualification recognized internationally).

#### NON-KEY STAFF

The following non-key staff is deemed to be necessary to comply with the required scope of the design and supervision phases:

- .1.9 **Urban Space Management Specialist:** At least ten (10) years of professional experience in implementation and management of urban projects having experience in at least two (2) projects of similar nature, scale and complexity. S/he must have a master's degree in urban planning with technical specialization in parking studies, design of on-street and off-street parking facilities, and knowledge of technologies and systems for administering parking charges, and enforcing parking regulations.

*Educational Qualification:* Shall be a qualified Urban Planner and/or Civil/Transportation Engineer. (professional qualification recognized internationally);

- .1.10 **Senior Traffic Engineer:** With at least fifteen (15) years of professional experience in traffic engineering for Urban roads and Mass Transit facilities. S/he will possess expert knowledge of traffic engineering principals and be proficient in the use of traffic modelling & simulation software having experience in at least three (3) projects of similar nature, scale and complexity. S/he shall work closely with the BRT design engineers and shall be responsible for undertaking classified movement surveys, review and advise on BRT service plan and travel demand model used to devise the route network and estimated ridership and simulation of the entire Yellow BRT Corridor (specifically micro-simulations at junctions). S/he shall also be responsible to advise on traffic management and safety matters along the corridor and during construction, working in close cooperation with Traffic Safety Engineer. Moreover, s/he will be tasked to plan and deliver capacity building training sessions for the Client's staff on traffic planning and engineering techniques in similar projects, according to the best practices adopted internationally.

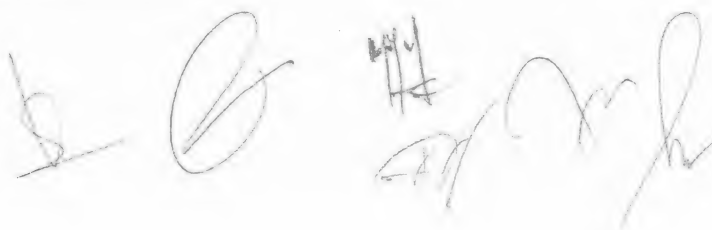
*Educational Qualification:* Shall be a qualified Civil / Transport Engineer, preferably with master's degree in Transportation/traffic engineering or relevant subject (professional qualification recognized internationally);

- .1.11 **Non-Motorized Traffic (NMT) Specialist:** At least fifteen (15) years of professional experience out of which at-least ten (10) years in planning and designing of projects for NMT. S/he shall work closely with the road/BRT/traffic engineers and shall be responsible for planning and designs of NMT facilities with special emphasis on quality and safety aspects. Moreover, s/he will be tasked to plan and deliver capacity building training sessions for the Client's staff on the practical aspects of NMT according to the best practices adopted internationally.

*Educational Qualification:* Shall be a qualified Urban Planner and/or Civil / Transportation Engineer preferable with master's degree in civil / Transportation Engineering or relevant subject, (professional qualification recognized internationally);

- .1.12 **Occupational, Health and Safety Specialist:** At least fifteen (15) years of experience in managing occupational health and safety aspects during the execution of large civil works projects. S/he will be responsible for OHS aspects of work sites and shall submit monthly reports to the CRE on the status of implementation of mitigation measures, complaints received, and actions taken. The OHS specialist shall ensure that all necessary equipment (including personal protective equipment) and support including but not limited to provision of dedicated vehicles, office space and accessories, safety related tools are provided to the contractor's OHS manager during the contract. S/he will, jointly with the Social Safeguards Specialist and Environmental Safeguards Specialist assist in resolution of relevant complaints during project implementation. Moreover, s/he will be tasked to plan and deliver capacity building training sessions for the Client's and contractor's staff on the practical aspects of OHS, (design for safety, construction safety, accident prevention etc.) according to the best practices adopted internationally.

*Educational Qualification:* Shall have relevant qualification and certification recognized nationally and internationally;

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- .1.13 **6 (Six) Assistant Resident Engineers:** At least 10 (ten) years of experience in supervision of road, bridges, infrastructure works. Reporting to the resident engineer of their respective packages, their duties shall include management of site operations, verifying that the contractor fulfils its duties and responsibilities in carrying out and completing the contract, maintaining all the records that are relevant to the performance of the contract.
- Educational Qualification:* Shall be a qualified Civil Engineer (professional qualification recognized internationally);
- .1.14 **Architect:** At least fifteen (15) years of professional experience, out of which at least ten (10) year experience in the architectural design and supervision of urban transit or relevant works. S/he shall be responsible for architectural (and visual) design and supervision of all elements for the BRT corridor and grade separated structures including stations and depots, with due consideration to the innovative practices and sustainable designs adopted internationally. Experience of working for at least 5 (five) years in countries with similar conditions and good knowledge of Urdu will be an added advantage.
- Educational Qualification:* Shall be a qualified Architect preferably with master's degree (professional qualification recognized internationally);
- .1.15 **BIM Specialist:** At least ten (10) years of international experience in design and construction of infrastructural works, out of which at least 7 (seven) years in implementation of BIM environment in designing and construction management of projects of similar nature, scale and complexity. S/he shall lead a team of engineers and shall be responsible for managing the design activities (specially design coordination) and tracking the performance during works execution towards the full application of the BIM. Moreover, s/he will be tasked to plan and deliver capacity building training sessions for the Client's staff in respect to application of BIM technology. Experience of working for at least 5 (five) years in countries with similar conditions. Fluency in English language is mandatory.
- Educational Qualification:* Shall be a qualified Architect/Civil Engineer, preferably with master's degree in civil engineering/architecture/construction management or relevant subject (professional qualification recognized internationally). Internationally recognized BIM Certifications will be preferred;
- .1.16 **Materials Engineer:** At least 15 (fifteen) years of experience in civil engineering works and relevant specifications, out of which at least 10 (ten) years as materials engineer in road/urban road works. Hers/his duties shall include, but not be limited to: scrutinize documents for imported materials or manufactured items to ensure compliance with specifications, test and record results on standard forms showing exact location of the materials in the works and their origin, certification of all materials to be used in the works in terms of quality and quantity. S/he shall also be in charge of all materials to be incorporated into the works, as well as utilization of material sites and waste deposit sites. S/he shall as well carry out tests during execution and on completed works in order to check compliance with specification requirements of the works operations after the materials have been placed in the field.

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*Educational Qualification:* Shall be a qualified Civil/Materials Engineer (professional qualification recognized internationally);

- .1.17 **Drainage Engineer:** At least fifteen (15) years of professional experience in design and supervision of urban road drainage works. S/he must be well acquainted with the innovative drainage design practices in similar projects and demonstrate proven skill in modelling techniques in drainage design. S/he shall be responsible for the design and supervision of the drainage system in the project.

*Educational Qualification:* Shall be a qualified Civil Engineer (professional qualification recognized internationally);

- .1.18 **Geotechnical Engineer:** At least fifteen (15) years of professional experience in design and supervision of geotechnical works specially on infrastructure development works (roads, bridges etc.). S/he will oversee geotechnical aspects of the design and construction and shall work closely with the Structural, and Pavement Design engineers and provide inputs on geotechnical matters.

*Educational Qualification:* Shall be a qualified Civil Engineer, preferably with master's degree in civil/geotechnical engineering or relevant subject (professional qualification recognized internationally);

- .1.19 **Utilities Engineer:** At least 10 (ten) years of professional experience in design and supervision of utilities works. S/he shall work closely with the road/BRT design engineers and shall be responsible of utilities design and all operations on utilities during construction.

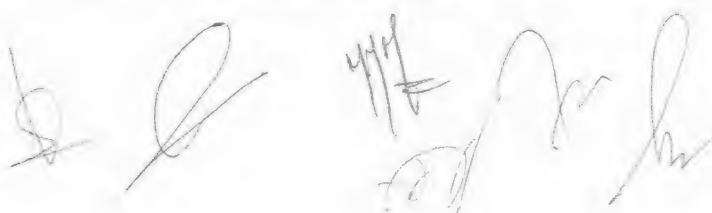
*Educational Qualification:* Shall preferably possess a Civil/Materials Engineer degree or relevant certification in the field of civil works (professional qualification recognized internationally);

- .1.20 **2 (Two) Quantity Surveyors:** At least ten (10) years of experience in quantity surveying for civil engineering projects (road, bridges, buildings etc.), out of which at least seven (7) years for road projects. They will oversee initial re-measuring of contract works, measuring quantities of work done and certify completed quantities, and for checking the accuracy of the estimated remaining quantities which should be included in the contractor's program of completion.

*Educational Qualification:* Shall hold a BTech (Civil) or Diploma of Associate Engineering (Civil) from a recognized institute;

- .1.21 **Traffic Safety Engineer:** At least fifteen (15) years of experience in the traffic and road safety aspects in design and supervision of urban road / transit works. S/he will oversee traffic safety measures for the design stage and implementation of all traffic safety measures during construction. S/he will also oversee traffic management during construction, including the review and approval of the Contractors' traffic management plans and following up its implementation. S/he will work in close cooperation and under guidance of Senior Traffic Engineer.

*Educational Qualification:* Shall be a qualified Civil/Transportation Engineer, preferably with master's degree in civil/transportation engineering with road safety credentials and professional qualification recognized internationally;

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- .1.22 **Environmental Safeguards Specialist:** At least fifteen (15) years of experience in environmental management and monitoring, out of which at least ten (10) years in urban road/transit construction projects. S/he will oversee all environmental SG related activities and aspects of the design, and implementation and supervision of the environmental mitigation measures in accordance to GoS and WB policies, guidelines and procedures. These include but are not limited to: impact assessment, socioeconomic surveys, census, conducting meaning consultations, reporting, maintaining liaison with the Client / other key stakeholders. S/he will, jointly with the Social Safeguards Specialist and Occupational Health and Safety (OHS) Specialist assist in resolution of relevant complaints during project implementation. In addition, the Consulting team will designate appropriate staff (preferably site engineer) as Environmental Focal Person at each site to monitor and ensure SG compliance at field/site level.

*Educational Qualification:* Shall be a qualified civil/environmental engineer, preferably with master's degree in civil/environmental engineering or relevant subject (professional qualification recognized internationally);

- .1.23 **Social Safeguards Specialist (Resettlement Expert):** At least ten (10) years of experience in the social issues, out of which at least seven (7) years in urban road/transit construction projects. S/he will be in charge of all social aspects of the works, and implementation of social mitigation measures. S/he will monitor all the social SG related activities and aspects of the design and compliance requirements in accordance with applicable GoS and WB policies and procedures related to resettlement and grievance management. These include but are not limited to: impact assessment, socioeconomic surveys, census, conducting meaning consultations, reporting, maintaining liaison with the Client / other key stakeholders S/he will, jointly work with the Environmental Safeguards Specialist and Occupational Health and Safety (OHS) Specialist, during project implementation. In addition, the Consulting team will designate appropriate staff (preferably site engineer) as Social Focal Person at each site to monitor and ensure SG compliance at field/site level.

*Educational Qualification:* Shall be qualified in Social Sciences, preferably with master's degree in social sciences or relevant subject (professional qualification recognized internationally);

- .1.24 **Project Controls Expert:** At least fifteen (15) years of experience in similar complexity and budget projects. S/he must possess knowledge to work on internationally recognized project controls software and have a good handle of project reporting methods. S/he will assist the CRE and other key staff in project controlling activities, and assessment and mitigation of project risks associated with cost, schedule or scope change.

*Educational Qualification:* Shall be a qualified Engineer, preferably with master's degree in construction management or relevant subject (professional qualification recognized internationally);

- .1.25 **Electrical Engineer:** At least ten (10) years of professional experience of working on projects of similar nature, scale and complexity. S/he shall be responsible for the design and supervision of all electrical engineering works for the project including

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but not limited to the street lightning, coordination with the ITS consultant, supply of electricity to stations/depots, with due consideration to the renewable energy and innovative practices adopted internationally.

*Educational Qualification:* Shall be a qualified Electrical Engineer (professional qualification recognized internationally);

- .1.26 **Mechanical Engineer:** At least ten (10) years of professional experience of working on projects of similar nature, scale and complexity. S/he shall be responsible for the design and supervision of all mechanical engineering related works for the project including but not limited to the stations, depots, pedestrian bridges, management of drainage in underground structures, lifts & escalators, with due consideration to the innovative practices adopted in projects internationally.

*Educational Qualification:* Shall be a qualified Mechanical Engineer (professional qualification recognized internationally);

- .1.27 **HVAC (Heating, Ventilation and Air Conditioning) Engineer:** At least ten (10) years of professional experience of working on projects of similar nature, scale and complexity. S/he shall be responsible for the design and supervision of all HVAC equipment and facilities related works for the project including but not limited to the stations, depots, pedestrian bridges, lifts & escalators, with due consideration to the innovative practices adopted in projects internationally.

*Educational Qualification:* Shall be a qualified Mechanical Engineer (professional qualification recognized internationally);

- .1.28 **6 (six) Site inspectors:** At least ten (10) years of professional experience of working on projects of similar nature, scale and complexity. They shall provide assistance and support to SRE and Assistant Resident Engineers, and also monitor and report to corresponding engineers in respect to execution of: all civil works, works organized in shifts, key construction activities (scaffolding, reinforcing, concreting, paving, drainage, etc.), materials sampling and testing, measurements.

*Educational Qualification:* Shall be a qualified Civil Engineer (professional qualification recognized internationally).

Although indicative, the Consultants are encouraged to maintain and/or improve the non-key staff requirements. Proposals with staffing variations of non-key positions than the above specified must provide suitable justification for the staffing replacing arrangement. The Consultants are also expected to maintain a minimum twenty number of trainee professionals (fresh graduates from local universities accredited by HEC Pakistan).

In addition to the personnel designated above, the Consultant shall determine the additional technical staff requirements for the assignment (engineers, procurement assistants, contract management assistants, quantity surveyors, utility coordinators, surveyors, laboratory technicians, etc.) to assist with *simultaneous* preparation of Detailed Design for Yellow BRT Corridor and off-corridors, and on-site supervision of the works (considering the project completion timelines and expected start of construction of the 1 km bridge under Design-Build contract), as well as administrative and support staff. All costs for the additional technical staff, administrative and support staff shall be included in the rates of non-key staff.

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Some important considerations are as follow:

- (i) Senior Urban Road & BRT System Expert/Team Leader Design, Senior BRT System Design Expert, Senior Procurement Specialist, Chief Resident Engineer/Team Leader Construction and Senior Contract Management Specialist need to be from the Lead firm and based in Karachi for minimum eighty percent (80%) of their required person months as mentioned in the Table 7.
- (ii) The Consultant must provide Curriculum Vitae (CV) and certified copies of highest education certificates for *all key staff* in the proposal, *including duration in person-months for which the staff will be deployed under the contract*.
- (iii) The Consultant is not required to submit CVs of non-key and additional staff within the proposal, but these personnel shall be subject to prior approval of the Client from start of services. Generally, the support technical staff should possess education relevant for the nominated position, have at least 5 (five) years of experience, out of which at least three (3) years in road/urban road and infrastructure projects and be fully available to the Consultant for the whole duration of the design and/or supervision services.
- (iv) The Consultant will provide a *backstopping pool of expatriate and/or local specialists* to cover special needs arising under such disciplines as geology, hydrology, geotechnical, structures, pavements, contract management, etc.
- (v) The Consultant should allow for a maximum of 6 (six) person-months during design preparation and 18 (eighteen) person-months backstopping during supervision, but CVs are not required to be submitted with the proposal. These personnel shall be subject to prior approval of the Client before deployment.
- (vi) Backstopping specialists are considered as non-key staff and will be paid according to time spent at the field. These specialists should have at least 20 (twenty) years of experience, out of which at least 10 (ten) years in urban road/mass transit and infrastructure construction projects.
- (vii) The Consultant's supervision staff shall be available to move to the works site with the commencement of the works contract(s), while the part of the team responsible for design and procurement shall be available from the commencement of services.

## IMPLEMENTATION ARRANGEMENTS

### DATA, SERVICES AND FACILITIES TO BE PROVIDED BY THE CLIENT

The Client has constituted a PMT for liaison, coordination and guidance to the Consultant for the assignment. PMT will provide all possible assistance and information as may be reasonably requested by the Consultant to carry out his obligations.

PMT, consisting of appropriate experts headed by a Project Director and to be assisted by the various Directorates of the SMTA, will have the overall responsibility for implementing the KMP. The PMT is being staffed by: a project director, a deputy project director, liaison officer, civil engineers, a mass transit specialist, a traffic engineer, a financial management specialist, a fully accredited accountant, a procurement and contract management specialist, an environmental specialist, a social development specialist, a gender specialist and a communication specialist.



Through the construction contracts, the Consultant shall be provided with:

- (i) Fully furnished and equipped site office containers at each construction site (works contract), for members of the supervision team, including maintenance, water, electricity, telecommunication services, high-band Internet connection, office supplies and consumables. Containers will comprise of at least 5 (five) working places and toilette facilities, and will be located conveniently within the site to serve as field offices for members of the supervision team;
- (ii) Furnished laboratory, including surveying equipment, sampling equipment, laboratory equipment and accessories, maintenance and operation. Laboratory will be equipped for testing of raw materials and products for soils, asphalt and concrete. All equipment has to be accredited according to local rules. Laboratory will be conveniently located at the site and will be available for performance of the contractor's preliminary and ongoing testing, as well as control testing by the Consultant. The Consultant does not have to provide his own staff for laboratory (contractor's responsibility), but the Consultant must have his own staff to monitor, check and validate the testing.

After commencement of the works contract, the Client will organize through the construction contract, maintaining and cleaning for the above listed facilities of the Consultant. This includes provision of all necessary cleaning equipment, rubbish bins and materials as well as provision of liquid soap for hand washing, dish washing, etc., lavatory cleaner and brushes, toilet paper, daily provision of clean hand towels, fly spray, extermination of any rodents and any other such incidentals as the Consultant may reasonably require for maintaining decent conditions for the operations of the offices. Eventual repair works for the facilities are also included.

For the whole duration of the services, the Consultant shall plan and cost support of its team, by providing: fully furnished office space (apart from the above listed facilities at sites and laboratory) either close to the site or to the PMT office (also including a conference room with at least 25 (twenty-five) seating places), equipment, computer hardware and software, communication, office stationary, printing and copying facilities, local and international transport, housing, etc.

The Client will assist the Consultant to:

- (i) Obtain formal consent from outside authorities or persons having rights or powers in connection with the works or the site thereof;
- (ii) Obtain ministerial orders, sanctions, licenses and permits in connection with the works;
- (iii) Register any non-national senior staff with the relevant engineers' board (or similar), if required.

#### Design Review and Road Safety Audit

The Client shall arrange for the review of the Detailed Design for both Yellow BRT Corridor and off-corridors immediately upon submission of relevant deliverables. The Consultant is obliged to follow the reasonable and implementable findings of the Detailed Design review so that the Client would be able to receive approval of the design and implement the works. If deemed to be necessary, the Consultant will be invited to attend meetings with the review committee.

The Client shall arrange for performance of the Road Safety Audit (RSA) of the Yellow BRT Corridor and off-corridors through an independent detailed systematic and technical safety check relating to the design characteristics of a road infrastructure. The road safety auditor shall be an independent person/entity outside the team of experts who were involved in the design or design review of the subject project. The Client will hire the independent Road Safety Auditor under a separate contract. The auditor will be encouraged to interact with the E&S and HS Specialists, and vice versa, for integrating environmental and safety recommendations in SG documents.

The third-party RSA would be practically performed in three stages, namely:

- (i) **RSA of the Detailed Design** prepared by the Consultant to evaluate final geometric design features, traffic signing and pavement marking plans, lighting plans, landscaping, intersections' details, facilities for other participants in traffic and operation, drainage, guardrails, and other roadside objects;
- (ii) **RSA of the executed work during the construction stage** to evaluate execution of geometric design features, traffic signing and pavement marking plans, lighting plans, landscaping, intersections' details, facilities for other participants in traffic and operation, drainage, guardrails, and other roadside objects. It will also cover the audit of activities performed by the contractors in the field during the works performance in terms of compliance with the Detailed Design, TMP, and legal and regulatory defined procedures;
- (iii) **RSA post completion of construction work** to suggest further improvements in the **as-build** infrastructure which the contractor shall rectify during the DNP.

Principally, the audit will follow the RSA Guideline issued by the World Road Association (2007).

The Consultant will ensure that results from RSAs are reflected in the detailed design, during construction during the DNP and in SG documents where appropriate.

#### DURATION OF SERVICES

The engagement shall be deemed to have started on execution of the agreement and shall terminate at the completion of the DNP when the final inspection of all works has been done and the Consultant has fulfilled all his obligations, whatever comes later.

Estimated duration of the services is **60 (sixty) months**, which comprise of **12 (twelve) months of Detailed Design preparation (including review and revision) and procurement phase**, **36 (thirty-six) months during construction** and **12 (twelve) months after completion of works**, i.e. during the DNP with the Consultant's intermittent input to check continuous quality and actual performance of the works.

In view of the tasks to be achieved, it is anticipated that staff input will be **203 key staff months**, as well as **931 non-key staff months** (Table 7).

Table 7 Estimated staff input [person-months]

Team member	Indicative person-months		
	Design and procurement	Construction	DNP
<b>A. Key staff</b>			

Senior Urban Road & BRT System Expert / Team Leader Design (1)	12	3	-
Senior BRT Design Expert (1)	12	3	-
Senior Structural / Bridge Design Engineer (1)	9	3	-
Senior Pavement Design Engineers (1)	6	6	-
Senior Procurement Specialist (1)	9	-	-
Chief Resident Engineer / Team Leader Construction (1)	-	30	6
Resident Engineers (2)	-	66	9
Senior Contract Management Specialist (1)	2	24	3
<b>Sub-total key staff (A)</b>	<b>50</b>	<b>135</b>	<b>18</b>
<b>B. Non-Key staff</b>			
Project Manager (1)	6	12	6
Urban Space Management Specialist (1)	6	-	-
Architect (1)	6	12	-
Senior Traffic Engineer (1)	9	9	-
BIM Specialist (1)	9	18	2
OHS Specialist (1)	2	30	-
Assistant Resident Engineers (6)	-	216	12
Materials Engineer (1)	-	30	-
Drainage Engineer (1)	6	12	-
Geotechnical Engineer (1)	6	18	-
Utilities Engineer (1)	6	12	-
Quantity Surveyors (2)	6	60	-
Traffic Safety Engineer (1)	6	30	-
Environmental Safeguards Specialist (1)	5	30	-
Social Safeguard Specialist (1)	5	30	-
Project Controls Expert (1)	3	30	-
Electrical Engineers (1)	3	12	2
Mechanical Engineers (1)	3	12	2
HVAC Engineer (1)	3	12	2
NMT Specialist (1)	5	3	-
Site Inspectors (6)	-	216	6
<b>Sub-total non-key staff (B)</b>	<b>95</b>	<b>804</b>	<b>32</b>
<b>Total key and non-key staff (A+B)</b>	<b>145</b>	<b>939</b>	<b>50</b>

The Consultant should consider the prospective peaks of activities and ensure the adequacy of staffing levels during such periods, and, at the same time, periods with low productivity levels should not be un-economically over-staffed. The objective is that the Consultant should propose to assign team that will be best suited to the methodology of its design services, supervision and management systems. The Consultant should also consider the added value that will be provided by its organization.

Details of staffing levels will be agreed through the course of the assignment with the Client depending on the services and works currently in progress. The Consultant has to perform this assignment mainly in the field in *Karachi*. However, some work of the Consultant during preparation of Detailed Design and procurement assistance may be undertaken at their home office with the *consent* of the Client.



It should be noted that the Consultant shall provide its services during construction in the field according to the contractor's work schedule, which may include work during *seven (7)* days a week. *Nightshifts* may be expected as well. The Consultant will not be entitled to any overtime payment.

#### CODE OF CONDUCT

The Consultant shall submit the Code of Conduct that will apply to the Consultant's Key Experts and Non-Key Experts, to ensure compliance with good Environmental, Social, Health and Safety (ESHS) practice. In addition, the Consultant shall submit an outline of how the Code of Conduct will be implemented. The successful Consultant shall be required to implement the agreed Code of Conduct upon contract award. The issues to be addressed in the Code of Conduct include:

- a. Compliance with WB Safeguard Policies, WBG EHS guidelines, applicable laws, rules, and regulations
- b. Compliance with applicable health and safety requirements to protect the local community (including vulnerable and disadvantaged groups), the Consultant's Experts, the Client's personnel, and the Contractor's personnel, including sub-contractors and day workers (including wearing prescribed personal protective equipment, preventing avoidable accidents and a duty to report conditions or practices that pose a safety hazard or threaten the environment)
- c. The use of illegal substances
- d. Non-Discrimination in dealing with the local community (including vulnerable and disadvantaged groups), the Consultant's Experts, the Client's personnel, and the Contractor's personnel, including sub-contractors and day workers (for example, on the basis of family status, ethnicity, race, gender, religion, language, marital status, age, disability (physical and mental), sexual orientation, gender identity, political conviction or social, civic, or health status)
- e. Interactions with the local community(ies), members of the local community (ies), and any affected person(s) (for example to convey an attitude of respect, including to their culture and traditions)
- f. Sexual harassment (for example to prohibit use of language or behavior, in particular towards women and/or children, that is inappropriate, harassing, abusive, sexually provocative, demeaning or culturally inappropriate)

The Code of Conduct should be written in plain language and signed by each Expert to indicate that they have:

- a. received a copy of the code;
- b. had the code explained to them;
- c. acknowledged that adherence to this Code of Conduct is a condition of employment; and
- d. understood that violations of the Code can result in serious consequences, up to and including dismissal, or referral to legal authorities.



A copy of the code shall be displayed in the Engineer's office. It shall be provided in appropriate languages.

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## PART II

### Section 8. Conditions of Contract and Contract Forms

#### Foreword

1. Part II includes two types of standard Contract forms for Consulting Services (a Time-Based Contract and a Lump-Sum Contract) that are based on the contract forms included in the harmonized Request for Proposals (RFP) (Master Document for Selection of Consultants prepared by participating Multilateral Development Banks (MDBs).
2. **Time-Based Contract.** This type of contract is appropriate when it is difficult to define or fix the scope and the duration of the services, either because they are related to activities carried out by others for which the completion period may vary, or because the input of the consultants required for attaining the objectives of the assignment is difficult to assess. In time-based contracts the Consultant provides services on a timed basis according to quality specifications, and Consultant's remuneration is determined on the basis of the time actually spent by the Consultant in carrying out the Services and is based on (i) agreed upon unit rates for the Consultant's experts multiplied by the actual time spent by the experts in executing the assignment, and (ii) reimbursable expenses using actual expenses and/or agreed unit prices. This type of contract requires the Client to closely supervise the Consultant and to be involved in the daily execution of the assignment.
3. **Lump-Sum Contract.** This type of contract is used mainly for assignments in which the scope and the duration of the Services and the required output of the Consultant are clearly defined. Payments are linked to outputs (deliverables) such as reports, drawings, bill of quantities, bidding documents, or software programs. Lump-sum contracts are easier to administer because they operate on the principle of a fixed price for a fixed scope, and payments are due on clearly specified outputs and milestones. Nevertheless, quality control of the Consultant's outputs by the Client is paramount.
4. The templates are designed for use in assignments with consulting firms and shall not be used for contracting of individual experts. These standard Contract forms are to be used for complex and/or large value assignments, and/or for contracts above US\$300,000 equivalent or more unless otherwise approved by the Bank.

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TIME-BASED FORM OF CONTRACT  
STANDARD FORM OF CONTRACT

**Consultant's Services**  
Time-Based



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**CONTRACT FOR CONSULTANT'S SERVICES**  
**Time-Based (Phase 2)**

**Project Name: Karachi Mobility Project**

**Loan No. IBRD-89950**

**Assignment Title: Consulting Services in Preparation of Detailed Design, Procurement  
Support and Construction Supervision for Yellow Bus Rapid Transit Corridor**

**Contract No. PK-SMTA-122605-CS-QCBS**

**between**

**The Sindh Mass Transit Authority**

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## I. Form of Contract

### TIME-BASED (PHASE 2)

(Text in brackets [ ] is optional; all notes should be deleted in the final text)

This CONTRACT (hereinafter called the "Contract") is made the [number] day of the month of [month], [year], between, on the one hand, [name of Client or Recipient] (hereinafter called the "Client") and, on the other hand, [name of Consultant] (hereinafter called the "Consultant").

*[If the Consultant consist of more than one entity, the above should be partially amended to read as follows: "... (hereinafter called the "Client") and, on the other hand, a Joint Venture (name of the JV) consisting of the following entities, each member of which will be jointly and severally liable to the Client for all the Consultant's obligations under this Contract, namely, [name of member] and [name of member] (hereinafter called the "Consultant").]*

#### WHEREAS

- (a) the Client has requested the Consultant to provide certain consulting services as defined in this Contract (hereinafter called the "Services");
- (b) the Consultant, having represented to the Client that it has the required professional skills, expertise and technical resources, has agreed to provide the Services on the terms and conditions set forth in this Contract;
- (c) the Client has received [or has applied for] a loan [or credit or grant] from the [Insert as appropriate: International Bank for Reconstruction and Development (IBRD) or International Development Association (IDA)] toward the cost of the Services and intends to apply a portion of the proceeds of this [loan/credit/grant] to eligible payments under this Contract, it being understood that (i) payments by the Bank will be made only at the request of the Client and upon approval by the Bank; (ii) such payments will be subject, in all respects, to the terms and conditions of the [loan/financing/grant] agreement, including prohibitions of withdrawal from the [loan/credit/grant] account for the purpose of any payment to persons or entities, or for any import of goods, if such payment or import, to the knowledge of the Bank, is prohibited by the decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations; and (iii) no party other than the Client shall derive any rights from the [loan/financing/grant] agreement or have any claim to the [loan/credit/grant] proceeds;

NOW THEREFORE the parties hereto hereby agree as follows:

1. The following documents attached hereto shall be deemed to form an integral part of this Contract:

- (a) The General Conditions of Contract (including Attachment 1 "Fraud and Corruption";
- (b) The Special Conditions of Contract;
- (c) Appendices:

Appendix A: Terms of Reference

Appendix B: Key Experts

Appendix C: Remuneration Cost Estimates

Appendix D: Reimbursables Cost Estimates

Appendix E: Form of Advance Payments Guarantee

Appendix F: Code of Conduct (ES) *[Note to Client: to be included for supervision of infrastructure contracts (such as Plant or Works) and for other consulting service where the social risks are substantial or high]*

In the event of any inconsistency between the documents, the following order of precedence shall prevail: the Special Conditions of Contract; the General Conditions of Contract, including Attachment 1; Appendix A; Appendix B; Appendix C and Appendix D; Appendix E; and Appendix F *[Note to Client: to be included for supervision of infrastructure (such as Plant or Works) contracts and for other consulting service where the social risks are substantial or high]*. Any reference to this Contract shall include, where the context permits, a reference to its Appendices.


2. The mutual rights and obligations of the Client and the Consultant shall be as set forth in the Contract, in particular:
- (a) the Consultant shall carry out the Services in accordance with the provisions of the Contract; and
  - (b) the Client shall make payments to the Consultant in accordance with the provisions of the Contract.

IN WITNESS WHEREOF, the Parties hereto have caused this Contract to be signed in their respective names as of the day and year first above written.

For and on behalf of *[Name of Client]*

\_\_\_\_\_  
*[Authorized Representative of the Client – name, title and signature]*

For and on behalf of *[Name of Consultant or Name of a Joint Venture]*

\_\_\_\_\_  




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*[Authorized Representative of the Consultant – name and signature]*

*[For a joint venture, either all members shall sign or only the lead member, in which case the power of attorney to sign on behalf of all members shall be attached.]*

For and on behalf of each of the members of the Consultant [insert the name of the Joint Venture]

*[Name of the lead member]*

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*[Authorized Representative on behalf of a Joint Venture]*

*[add signature blocks for each member if all are signing]*



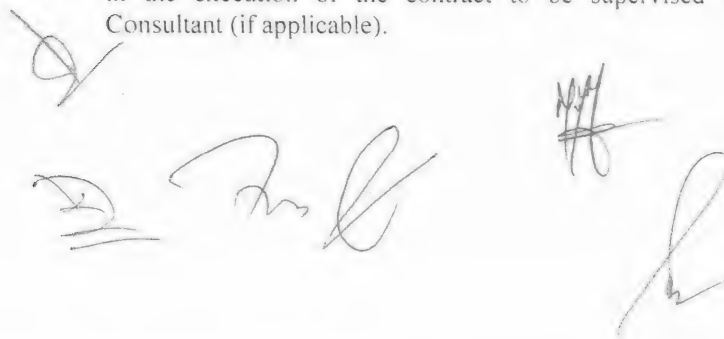
## II. General Conditions of Contract

### A. GENERAL PROVISIONS

#### 1. Definitions

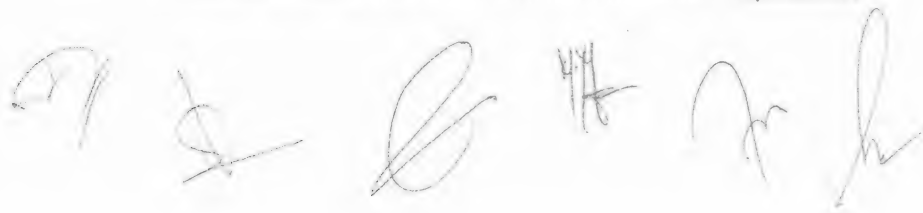
1.1. Unless the context otherwise requires, the following terms whenever used in this Contract have the following meanings:

- (a) **"Applicable Law"** means the laws and any other instruments having the force of law in the Client's country, or in such other country as may be specified in the **Special Conditions of Contract (SCC)**, as they may be issued and in force from time to time.
- (b) **"Bank"** means the International Bank for Reconstruction and Development (IBRD) or the International Development Association (IDA).
- (c) **"Borrower"** means the Government, Government agency or other entity that signs the financing agreement with the Bank.
- (d) **"Client"** means the implementing agency that signs the Contract for the Services with the Selected Consultant.
- (e) **"Client's Personnel"** refers to the staff, labor and other employees (if any) of the Client engaged in fulfilling the Client's obligations under the Contract; and any other personnel identified as Client's Personnel, by a notice from the Client to the Consultant.
- (f) **"Consultant"** means a legally-established professional consulting firm or entity selected by the Client to provide the Services under the signed Contract.
- (g) **"Contract"** means the legally binding written agreement signed between the Client and the Consultant and which includes all the attached documents listed in its paragraph 1 of the Form of Contract (the General Conditions (GCC), the Special Conditions (SCC), and the Appendices).
- (h) **"Contractor"** if applicable, means the person named as contractor in the contract to be supervised by the Consultant (if applicable).
- (i) **"Contractor's Personnel"** means personnel whom the Contractor utilizes in the execution of its contract, including the staff, labor and other employees of the Contractor and each subcontractor; and any other personnel assisting the Contractor in the execution of the contract to be supervised by the Consultant (if applicable).

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- (j) **"Day"** means a working day unless indicated otherwise.
- (k) **"ES"** means environmental and social (including Sexual Exploitation and Abuse (SEA) and Sexual Harassment (SH)).
- (l) **"Effective Date"** means the date on which this Contract comes into force and effect pursuant to Clause GCC 11.
- (m) **"Experts"** means, collectively, Key Experts, Non-Key Experts, or any other personnel of the Consultant, Sub-consultant or JV member(s) assigned by the Consultant to perform the Services or any part thereof under the Contract.
- (n) **"Foreign Currency"** means any currency other than the currency of the Client's country.
- (o) **"GCC"** means these General Conditions of Contract.
- (p) **"Government"** means the government of the Client's country.
- (q) **"Joint Venture (JV)"** means an association with or without a legal personality distinct from that of its members, of more than one entity where one member has the authority to conduct all businesses for and on behalf of any and all the members of the JV, and where the members of the JV are jointly and severally liable to the Client for the performance of the Contract.
- (r) **"Key Expert(s)"** means an individual professional whose skills, qualifications, knowledge and experience are critical to the performance of the Services under the Contract and whose Curricula Vitae (CV) was taken into account in the technical evaluation of the Consultant's proposal.
- (s) **"Local Currency"** means the currency of the Client's country.
- (t) **"Non-Key Expert(s)"** means an individual professional provided by the Consultant or its Sub-consultant to perform the Services or any part thereof under the Contract.
- (u) **"Party"** means the Client or the Consultant, as the case may be, and "Parties" means both of them.
- (v) **"SCC"** means the Special Conditions of Contract by which the GCC may be amended or supplemented but not over-written.
- (w) **"Services"** means the work to be performed by the Consultant pursuant to this Contract, as described in Appendix A hereto.
- (x) **"Sexual Exploitation and Abuse" "(SEA)"** means the following:

**Sexual Exploitation** is defined as any actual or attempted abuse of position of vulnerability, differential power or trust, for sexual purposes, including, but not limited to, profiting monetarily, socially or politically from the sexual exploitation



of another;

**Sexual Abuse** is defined as the actual or threatened physical intrusion of a sexual nature, whether by force or under unequal or coercive conditions.

- (y) **"Sexual Harassment" "(SH)"** is defined as unwelcome sexual advances, requests for sexual favors, and other verbal or physical conduct of a sexual nature by the Experts with other Experts, Contractor's (if applicable) or Client's Personnel.
- (z) **"Site"** (if applicable) means the land and other places where works are to be executed and/or facilities to be installed, and such other land or places as may be specified in the Contractor's contract as forming part of the Site.
- (aa) **"Sub-consultants"** means an entity to whom/which the Consultant subcontracts any part of the Services while remaining solely liable for the execution of the Contract.
- (bb) **"Third Party"** means any person or entity other than the Government, the Client, the Consultant or a Sub-consultant.

## 2. Relationship between the Parties

2.1. Nothing contained herein shall be construed as establishing a relationship of master and servant or of principal and agent as between the Client and the Consultant. The Consultant, subject to this Contract, has complete charge of the Experts and Sub-consultants, if any, performing the Services and shall be fully responsible for the Services performed by them or on their behalf hereunder.

## 3. Law Governing Contract

3.1. This Contract, its meaning and interpretation, and the relation between the Parties shall be governed by the Applicable Law.

## 4. Language

4.1. This Contract has been executed in the language specified in the SCC, which shall be the binding and controlling language for all matters relating to the meaning or interpretation of this Contract.

## 5. Headings

5.1. The headings shall not limit, alter or affect the meaning of this Contract.

## 6. Communications

6.1. Any communication required or permitted to be given or made pursuant to this Contract shall be in writing in the language specified in Clause GCC 4. Any such notice, request or consent shall be deemed to have been given or made when delivered in person to an authorized representative of the Party to whom the communication is addressed, or when sent to such Party at the address specified in the SCC.

6.2. A Party may change its address for notice hereunder by giving the other Party any communication of such change to the address

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specified in the SCC.

- |                                  |   |
|----------------------------------|---|
| 7. Location                      | 7.1. The Services shall be performed at such locations as are specified in Appendix A hereto and, where the location of a particular task is not so specified, at such locations, whether in the Government's country or elsewhere, as the Client may approve.  |
| 8. Authority of Member in Charge | 8.1. In case the Consultant is a Joint Venture, the members hereby authorize the member specified in the SCC to act on their behalf in exercising all the Consultant's rights and obligations towards the Client under this Contract, including without limitation the receiving of instructions and payments from the Client.  |
| 9. Authorized Representatives    | 9.1. Any action required or permitted to be taken, and any document required or permitted to be executed under this Contract by the Client or the Consultant may be taken or executed by the officials specified in the SCC.  |
| 10. Fraud and Corruption         | 10.1. The Bank requires compliance with the Bank's Anti-Corruption Guidelines and its prevailing sanctions policies and procedures as set forth in the Bank's Sanctions Framework, as set forth in Attachment 1 to the GCC.   |
| a. Commissions and Fees          | 10.2. The Client requires the Consultant to disclose any commissions or fees that may have been paid or are to be paid to agents or any other party with respect to the selection process or execution of the Contract. The information disclosed must include at least the name and address of the agent or other party, the amount and currency, and the purpose of the commission, gratuity or fee. Failure to disclose such commissions, gratuities or fees may result in termination of the Contract and/or sanctions by the Bank. |

## B. COMMENCEMENT, COMPLETION, MODIFICATION AND TERMINATION OF CONTRACT

- |   |   |
|---|---|
| 11. Effectiveness of Contract                               | 11.1. This Contract shall come into force and effect on the date (the "Effective Date") of the Client's notice to the Consultant instructing the Consultant to begin carrying out the Services. This notice shall confirm that the effectiveness conditions, if any, listed in the SCC have been met.   |
| 12. Termination of Contract for Failure to Become Effective | 12.1. If this Contract has not become effective within such time period after the date of Contract signature as specified in the SCC, either Party may, by not less than twenty two (22) days written notice to the other Party, declare this Contract to be null and void, and in the event of such a declaration by either Party, neither Party shall have any claim against the other Party with respect hereto. |

13. Commencement of Services 13.1. The Consultant shall confirm availability of Key Experts and begin carrying out the Services not later than the number of days after the Effective Date specified in the SCC.
14. Expiration of Contract 14.1. Unless terminated earlier pursuant to Clause GCC 19 hereof, this Contract shall expire at the end of such time period after the Effective Date as specified in the SCC.
15. Entire Agreement 15.1. This Contract contains all covenants, stipulations and provisions agreed by the Parties. No agent or representative of either Party has authority to make, and the Parties shall not be bound by or be liable for, any statement, representation, promise or agreement not set forth herein.
16. Modifications or Variations 16.1. Any modification or variation of the terms and conditions of this Contract, including any modification or variation of the scope of the Services, may only be made by written agreement between the Parties. However, each Party shall give due consideration to any proposals for modification or variation made by the other Party.
- 16.2. In cases of substantial modifications or variations, the prior written consent of the Bank is required.
17. Force Majeure
- a. Definition 17.1. For the purposes of this Contract, "Force Majeure" means an event which is beyond the reasonable control of a Party, is not foreseeable, is unavoidable, and makes a Party's performance of its obligations hereunder impossible or so impractical as reasonably to be considered impossible under the circumstances, and subject to those requirements, includes, but is not limited to, war, riots, civil disorder, earthquake, fire, explosion, storm, flood or other adverse weather conditions, strikes, lockouts or other industrial action confiscation or any other action by Government agencies.
- 17.2. Force Majeure shall not include (i) any event which is caused by the negligence or intentional action of a Party or such Party's Experts, Sub-consultants or agents or employees, nor (ii) any event which a diligent Party could reasonably have been expected to both take into account at the time of the conclusion of this Contract, and avoid or overcome in the carrying out of its obligations hereunder.
- 17.3. Force Majeure shall not include insufficiency of funds or failure to make any payment required hereunder.
- b. No Breach of 17.4. The failure of a Party to fulfill any of its obligations hereunder





**Contract**

shall not be considered to be a breach of, or default under, this Contract insofar as such inability arises from an event of Force Majeure, provided that the Party affected by such an event has taken all reasonable precautions, due care and reasonable alternative measures, all with the objective of carrying out the terms and conditions of this Contract.

**c. Measures to be Taken**

17.5. A Party affected by an event of Force Majeure shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall take all reasonable measures to minimize the consequences of any event of Force Majeure.

17.6. A Party affected by an event of Force Majeure shall notify the other Party of such event as soon as possible, and in any case not later than fourteen (14) calendar days following the occurrence of such event, providing evidence of the nature and cause of such event, and shall similarly give written notice of the restoration of normal conditions as soon as possible.

17.7. Any period within which a Party shall, pursuant to this Contract, complete any action or task, shall be extended for a period equal to the time during which such Party was unable to perform such action as a result of Force Majeure.

17.8. During the period of their inability to perform the Services as a result of an event of Force Majeure, the Consultant, upon instructions by the Client, shall either:

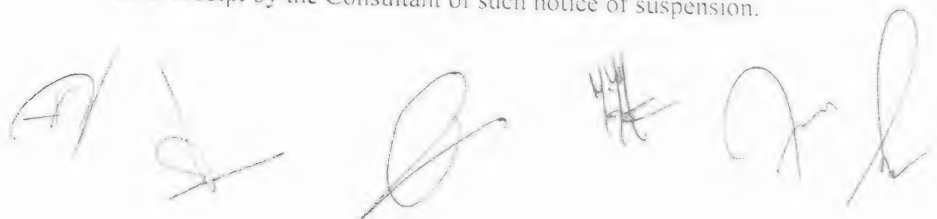
(a) demobilize, in which case the Consultant shall be reimbursed for additional costs they reasonably and necessarily incurred, and, if required by the Client, in reactivating the Services; or

(b) continue with the Services to the extent reasonably possible, in which case the Consultant shall continue to be paid under the terms of this Contract and be reimbursed for additional costs reasonably and necessarily incurred.

17.9. In the case of disagreement between the Parties as to the existence or extent of Force Majeure, the matter shall be settled according to Clauses GCC 49 & 50.

**18. Suspension**

18.1. The Client may, by written notice of suspension to the Consultant, suspend all payments to the Consultant hereunder if the Consultant fails to perform any of its obligations under this Contract, including the carrying out of the Services, provided that such notice of suspension (i) shall specify the nature of the failure, and (ii) shall request the Consultant to remedy such failure within a period not exceeding thirty (30) calendar days after receipt by the Consultant of such notice of suspension.





## 19. Termination

19.1. This Contract may be terminated by either Party as per provisions set up below:

## a. By the Client

19.1.1 The Client may terminate this Contract in case of the occurrence of any of the events specified in paragraphs (a) through (f) of this Clause. In such an occurrence the Client shall give at least thirty (30) calendar days' written notice of termination to the Consultant in case of the events referred to in (a) through (d); at least sixty (60) calendar days' written notice in case of the event referred to in (e); and at least five (5) calendar days' written notice in case of the event referred to in (f):

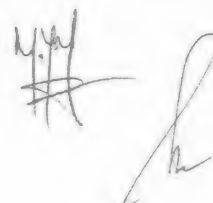
- (a) If the Consultant fails to remedy a failure in the performance of its obligations hereunder, as specified in a notice of suspension pursuant to Clause GCC 18;
- (b) If the Consultant becomes (or, if the Consultant consists of more than one entity, if any of its members becomes) insolvent or bankrupt or enter into any agreements with their creditors for relief of debt or take advantage of any law for the benefit of debtors or go into liquidation or receivership whether compulsory or voluntary;
- (c) If the Consultant fails to comply with any final decision reached as a result of arbitration proceedings pursuant to Clause GCC 50.1;
- (d) If, as the result of Force Majeure, the Consultant is unable to perform a material portion of the Services for a period of not less than sixty (60) calendar days;
- (e) If the Client, in its sole discretion and for any reason whatsoever, decides to terminate this Contract;
- (f) If the Consultant fails to confirm availability of Key Experts as required in Clause GCC 13.

19.1.2 If the Consultant, in the judgment of the Client has engaged in Fraud and Corruption, as defined in paragraph 2.2 a of Attachment 1 to the GCC, in competing for or in executing the Contract, then the Client may, after giving fourteen (14) calendar days written notice to the Consultant, terminate the Consultant's employment under the Contract.

## b. By the Consultant

19.1.3 The Consultant may terminate this Contract, by not less than thirty (30) calendar days' written notice to the Client, in case of the occurrence of any of the events specified in paragraphs (a) through (d) of this Clause.

- (a) If the Client fails to pay any money due to the





Consultant pursuant to this Contract and not subject to dispute pursuant to Clause GCC 50.1 within forty-five (45) calendar days after receiving written notice from the Consultant that such payment is overdue.

- (b) If, as the result of Force Majeure, the Consultant is unable to perform a material portion of the Services for a period of not less than sixty (60) calendar days.
- (c) If the Client fails to comply with any final decision reached as a result of arbitration pursuant to Clause GCC 50.1.
- (d) If the Client is in material breach of its obligations pursuant to this Contract and has not remedied the same within forty-five (45) days (or such longer period as the Consultant may have subsequently approved in writing) following the receipt by the Client of the Consultant's notice specifying such breach.

**c. Cessation of Rights and Obligations**

19.1.4 Upon termination of this Contract pursuant to Clauses GCC 12 or GCC 19 hereof, or upon expiration of this Contract pursuant to Clause GCC 14, all rights and obligations of the Parties hereunder shall cease, except (i) such rights and obligations as may have accrued on the date of termination or expiration, (ii) the obligation of confidentiality set forth in Clause GCC 22, (iii) the Consultant's obligation to permit inspection, copying and auditing of their accounts and records set forth in Clause GCC 25 and to cooperate and assist in any inspection or investigation, and (iv) any right which a Party may have under the Applicable Law.

**d. Cessation of Services**

19.1.5 Upon termination of this Contract by notice of either Party to the other pursuant to Clauses GCC 19a or GCC 19b, the Consultant shall, immediately upon dispatch or receipt of such notice, take all necessary steps to bring the Services to a close in a prompt and orderly manner and shall make every reasonable effort to keep expenditures for this purpose to a minimum. With respect to documents prepared by the Consultant and equipment and materials furnished by the Client, the Consultant shall proceed as provided, respectively, by Clauses GCC 27 or GCC 28.

**e. Payment upon Termination**

19.1.6 Upon termination of this Contract, the Client shall make the following payments to the Consultant:

- (a) remuneration for Services satisfactorily performed prior to the effective date of termination, and reimbursable expenditures for expenditures actually incurred prior to

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the effective date of termination; and pursuant to Clause GCC 43;

- (b) in the case of termination pursuant to paragraphs (d) and (e) of Clause GCC 19.1.1, reimbursement of any reasonable cost incidental to the prompt and orderly termination of this Contract, including the cost of the return travel of the Experts.

### C. OBLIGATIONS OF THE CONSULTANT

#### 20. General

##### a. Standard of Performance

20.1. The Consultant shall perform the Services and carry out the Services with all due diligence, efficiency and economy, in accordance with generally accepted professional standards and practices, and shall observe sound management practices, and employ appropriate technology and safe and effective equipment, machinery, materials and methods. The Consultant shall always act, in respect of any matter relating to this Contract or to the Services, as a faithful adviser to the Client, and shall at all times support and safeguard the Client's legitimate interests in any dealings with the third parties.

20.2. The Consultant shall employ and provide such qualified and experienced Experts and Sub-consultants as are required to carry out the Services.

20.3. The Consultant may subcontract part of the Services to an extent and with such Key Experts and Sub-consultants as may be approved in advance by the Client. Notwithstanding such approval, the Consultant shall retain full responsibility for the Services.

##### b. Law Applicable to Services

20.4. The Consultant shall perform the Services in accordance with the Contract and the Applicable Law and shall take all practicable steps to ensure that any of its Experts and Sub-consultants, comply with the Applicable Law.

20.5. Throughout the execution of the Contract, the Consultant shall comply with the import of goods and services prohibitions in the Client's country when

- (a) as a matter of law or official regulations, the Borrower's country prohibits commercial relations with that country; or
- (b) by an act of compliance with a decision of the United Nations Security Council taken under Chapter VII of

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the Charter of the United Nations, the Borrower's Country prohibits any import of goods from that country or any payments to any country, person, or entity in that country.

20.6. The Client shall notify the Consultant in writing of relevant local customs, and the Consultant shall, after such notification, respect such customs.

21. Conflict of Interest

21.1. The Consultant shall hold the Client's interests paramount, without any consideration for future work, and strictly avoid conflict with other assignments or their own corporate interests.

a. **Consultant  
Not to Benefit  
from  
Commissions,  
Discounts, etc.**

21.1.1 The payment of the Consultant pursuant to GCC F (Clauses GCC 42 through 47) shall constitute the Consultant's only payment in connection with this Contract and, subject to Clause GCC 21.1.3, the Consultant shall not accept for its own benefit any trade commission, discount or similar payment in connection with activities pursuant to this Contract or in the discharge of its obligations hereunder, and the Consultant shall use its best efforts to ensure that any Sub-consultants, as well as the Experts and agents of either of them, similarly shall not receive any such additional payment.

21.1.2 Furthermore, if the Consultant, as part of the Services, has the responsibility of advising the Client on the procurement of goods, works or services, the Consultant shall comply with the Bank's Applicable Regulations, and shall at all times exercise such responsibility in the best interest of the Client. Any discounts or commissions obtained by the Consultant in the exercise of such procurement responsibility shall be for the account of the Client.

b. **Consultant  
and Affiliates  
Not to Engage  
in Certain  
Activities**

21.1.3 The Consultant agrees that, during the term of this Contract and after its termination, the Consultant and any entity affiliated with the Consultant, as well as any Sub-consultants and any entity affiliated with such Sub-consultants, shall be disqualified from providing goods, works or non-consulting services resulting from or directly related to the Consultant's Services for the preparation or implementation of the project.

c. **Prohibition of  
Conflicting  
Activities**

21.1.4 The Consultant shall not engage, and shall cause its Experts as well as its Sub-consultants not to engage, either directly or indirectly, in any business or professional activities that would conflict with the activities assigned to them under this Contract.

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- d. **Strict Duty to Disclose Conflicting Activities**
- 21.1.5 The Consultant has an obligation and shall ensure that its Experts and Sub-consultants shall have an obligation to disclose any situation of actual or potential conflict that impacts their capacity to serve the best interest of their Client, or that may reasonably be perceived as having this effect. Failure to disclose said situations may lead to the disqualification of the Consultant or the termination of its Contract.
22. Confidentiality
- 22.1. Except with the prior written consent of the Client, the Consultant and the Experts shall not at any time communicate to any person or entity any confidential information acquired in the course of the Services, nor shall the Consultant and the Experts make public the recommendations formulated in the course of, or as a result of, the Services.
23. Liability of the Consultant
- 23.1. Subject to additional provisions, if any, set forth in the SCC, the Consultant's liability under this Contract shall be as determined under the Applicable Law.
24. Insurance to be taken out by the Consultant
- 24.1. The Consultant (i) shall take out and maintain, and shall cause any Sub-consultants to take out and maintain, at its (or the Sub-consultants', as the case may be) own cost but on terms and conditions approved by the Client, insurance against the risks, and for the coverage specified in the SCC, and (ii) at the Client's request, shall provide evidence to the Client showing that such insurance has been taken out and maintained and that the current premiums therefore have been paid. The Consultant shall ensure that such insurance is in place prior to commencing the Services as stated in Clause GCC 13.
25. Accounting, Inspection and Auditing
- 25.1. The Consultant shall keep, and shall make all reasonable efforts to cause its Sub-consultants to keep, accurate and systematic accounts and records in respect of the Services in such form and detail as will clearly identify relevant time changes and costs.
- 25.2. Pursuant to paragraph 2.2 e. of Attachment 1 to the General Conditions, the Consultant shall permit and shall cause its agents (where declared or not), subcontractors, subconsultants, service providers, suppliers, and personnel, to permit, the Bank and/or persons appointed by the Bank to inspect the site and/or the accounts, records and other documents relating to the procurement process, selection and/or contract execution, and to have such accounts, records and other documents audited by auditors appointed by the Bank. The Consultant's and its Subcontractors' and subconsultants' attention is drawn to Sub-

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Clause 10.1 (Fraud and Corruption) which provides, inter alia, that acts intended to materially impede the exercise of the Bank's inspection and audit rights constitute a prohibited practice subject to contract termination (as well as to a determination of ineligibility pursuant to the Bank's prevailing sanctions procedures).

26. Reporting  
Obligations

26.1. The Consultant shall submit to the Client the reports and documents specified in **Appendix A**, in the form, in the numbers and within the time periods set forth in the said Appendix.

27. Proprietary Rights  
of the Client in Reports  
and Records

27.1. Unless otherwise indicated in the **SCC**, all reports and relevant data and information such as maps, diagrams, plans, databases, other documents and software, supporting records or material compiled or prepared by the Consultant for the Client in the course of the Services shall be confidential and become and remain the absolute property of the Client. The Consultant shall, not later than upon termination or expiration of this Contract, deliver all such documents to the Client, together with a detailed inventory thereof. The Consultant may retain a copy of such documents, data and/or software but shall not use the same for purposes unrelated to this Contract without prior written approval of the Client.

27.2. If license agreements are necessary or appropriate between the Consultant and third parties for purposes of development of the plans, drawings, specifications, designs, databases, other documents and software, the Consultant shall obtain the Client's prior written approval to such agreements, and the Client shall be entitled at its discretion to require recovering the expenses related to the development of the program(s) concerned. Other restrictions about the future use of these documents and software, if any, shall be specified in the **SCC**.

28. Equipment, Vehicles  
and Materials

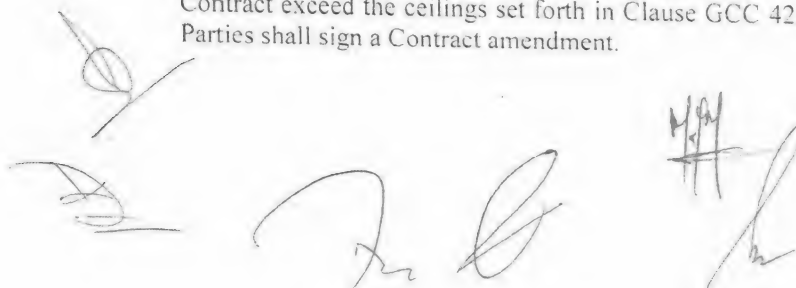
28.1. Equipment, vehicles and materials made available to the Consultant by the Client, or purchased by the Consultant wholly or partly with funds provided by the Client, shall be the property of the Client and shall be marked accordingly. Upon termination or expiration of this Contract, the Consultant shall make available to the Client an inventory of such equipment, vehicles and materials and shall dispose of such equipment, vehicles and materials in accordance with the Client's instructions. While in possession of such equipment, vehicles and materials, the Consultant, unless otherwise instructed by the Client in writing, shall insure them at the expense of the Client in an amount equal to their full replacement value.

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- 28.2. Any equipment or materials brought by the Consultant or its Experts into the Client's country for the use either for the project or personal use shall remain the property of the Consultant or the Experts concerned, as applicable.
29. Code of Conduct
- 29.1. If specified in the **SCC**, the Consultant shall have a Code of Conduct for Experts (ES).
- The Consultant shall take all necessary measures to ensure that each Expert is made aware of the Code of Conduct including specific behaviors that are prohibited, and understands the consequences of engaging in such prohibited behaviors.
- These measures include providing instructions and documentation that can be understood by the Experts and seeking to obtain that person's signature acknowledging receipt of such instructions and/or documentation, as appropriate.
- The Consultant shall also ensure that the Code of Conduct is visibly displayed in locations where the Services are provided, including if applicable, on the Site, as well as in areas outside the Site accessible to the local community and project affected people. The posted Code of Conduct shall be provided in languages comprehensible to Experts, Contractor's Personnel, Client's Personnel and the local community if applicable.

#### D. CONSULTANT'S EXPERTS AND SUB-CONSULTANTS

30. Description of Key Experts
- 30.1. The title, agreed job description, minimum qualification and time-input estimates to carry out the Services of each of the Consultant's Key Experts are described in **Appendix B**.
- 30.2. If required to comply with the provisions of Clause GCC 20a, adjustments with respect to the estimated time-input of Key Experts set forth in **Appendix B** may be made by the Consultant by a written notice to the Client, provided (i) that such adjustments shall not alter the original time-input estimates for any individual by more than 10% or one week, whichever is larger; and (ii) that the aggregate of such adjustments shall not cause payments under this Contract to exceed the ceilings set forth in Clause GCC 42.2.
- 30.3. If additional work is required beyond the scope of the Services specified in **Appendix A**, the estimated time-input for the Key Experts may be increased by agreement in writing between the Client and the Consultant. In case where payments under this Contract exceed the ceilings set forth in Clause GCC 42.2, the Parties shall sign a Contract amendment.



31. Replacement of Key Experts
- 31.1. Except as the Client may otherwise agree in writing, no changes shall be made in the Key Experts.
- 31.2. Notwithstanding the above, the substitution of Key Experts during Contract execution may be considered only based on the Consultant's written request and due to circumstances outside the reasonable control of the Consultant, including but not limited to death or medical incapacity. In such case, the Consultant shall forthwith provide as a replacement, a person of equivalent or better qualifications and experience, meet eligibility requirements, and at the same rate of remuneration.
32. Approval of Additional Key Experts
- 32.1. If during execution of the Contract, additional Key Experts are required to carry out the Services, the Consultant shall submit to the Client for review and approval a copy of their Curricula Vitae (CVs). If the Client does not object in writing (stating the reasons for the objection) within twenty two (22) days from the date of receipt of such CVs, such additional Key Experts shall be deemed to have been approved by the Client.
- The rate of remuneration payable to such new additional Key Experts shall be based on the rates for other Key Experts position which require similar qualifications and experience.
33. Removal of Experts or Sub-consultants
- 33.1. If the Client finds that any of the Experts or Sub-consultant misconduct or has been charged with having committed a criminal action, or if the Client determines that a Consultant's Expert or Sub-consultant has engaged in Fraud and Corruption while performing the Services, the Consultant shall, at the Client's written request, provide a replacement.
- 33.2. In the event that any of Key Experts, Non-Key Experts or Sub-consultants is found by the Client to be incompetent or incapable in discharging assigned duties, the Client, specifying the grounds therefore, may request the Consultant to provide a replacement.
- 33.3. Any replacement of the removed Experts or Sub-consultants shall possess better qualifications and experience and shall be acceptable to the Client.
34. Replacement/ Removal of Experts – Impact on Payments
- 34.1. Except as the Client may otherwise agree, (i) the Consultant shall bear all additional travel and other costs arising out of or incidental to any removal and/or replacement, and (ii) the remuneration to be paid for any of the Experts provided as a replacement shall not exceed the remuneration which would have been payable to the Experts replaced or removed.
35. Working Hours.
- 35.1. Working hours and holidays for Experts are set forth in



Overtime, Leave, etc.

**Appendix B.** To account for travel time to/from the Client's country, experts carrying out Services inside the Client's country shall be deemed to have commenced or finished work in respect of the Services such number of days before their arrival in, or after their departure from, the Client's country as is specified in **Appendix B**.

35.2. The Experts shall not be entitled to be paid for overtime nor to take paid sick leave or vacation leave except as specified in **Appendix B**, and the Consultant's remuneration shall be deemed to cover these items.

35.3. Any taking of leave by Key Experts shall be subject to the prior approval by the Consultant who shall ensure that absence for leave purposes will not delay the progress and or impact adequate supervision of the Services.

#### **E. OBLIGATIONS OF THE CLIENT**

36. Assistance and Exemptions

36.1. Unless otherwise specified in the **SCC**, the Client shall use its best efforts to:

- (a) Assist the Consultant with obtaining work permits and such other documents as shall be necessary to enable the Consultant to perform the Services.
- (b) Assist the Consultant with promptly obtaining, for the Experts and, if appropriate, their eligible dependents, all necessary entry and exit visas, residence permits, exchange permits and any other documents required for their stay in the Client's country while carrying out the Services under the Contract.
- (c) Facilitate prompt clearance through customs of any property required for the Services and of the personal effects of the Experts and their eligible dependents.
- (d) Issue to officials, agents and representatives of the Government all such instructions and information as may be necessary or appropriate for the prompt and effective implementation of the Services.
- (e) Assist the Consultant and the Experts and any Sub-consultants employed by the Consultant for the Services with obtaining exemption from any requirement to register or obtain any permit to practice their profession or to establish themselves either individually or as a corporate entity in the Client's country according to the applicable law in the Client's country.

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(f) Assist the Consultant, any Sub-consultants and the Experts of either of them with obtaining the privilege, pursuant to the applicable law in the Client's country, of bringing into the Client's country reasonable amounts of foreign currency for the purposes of the Services or for the personal use of the Experts and of withdrawing any such amounts as may be earned therein by the Experts in the execution of the Services.

(g) Provide to the Consultant any such other assistance as may be specified in the SCC.

37. Access to Project Site

37.1. The Client warrants that the Consultant shall have, free of charge, unimpeded access to the project site in respect of which access is required for the performance of the Services. The Client will be responsible for any damage to the project site or any property thereon resulting from such access and will indemnify the Consultant and each of the experts in respect of liability for any such damage, unless such damage is caused by the willful default or negligence of the Consultant or any Sub-consultants or the Experts of either of them.

38. Change in the Applicable Law Related to Taxes and Duties

38.1. If, after the date of this Contract, there is any change in the applicable law in the Client's country with respect to taxes and duties which increases or decreases the cost incurred by the Consultant in performing the Services, then the remuneration and reimbursable expenses otherwise payable to the Consultant under this Contract shall be increased or decreased accordingly by agreement between the Parties hereto, and corresponding adjustments shall be made to the ceiling amounts specified in Clause GCC 42.2.

39. Services, Facilities and Property of the Client

39.1. The Client shall make available to the Consultant and the Experts, for the purposes of the Services and free of any charge, the services, facilities and property described in the Terms of Reference (**Appendix A**) at the times and in the manner specified in said **Appendix A**.

39.2. In case that such services, facilities and property shall not be made available to the Consultant as and when specified in **Appendix A**, the Parties shall agree on (i) any time extension that it may be appropriate to grant to the Consultant for the performance of the Services, (ii) the manner in which the Consultant shall procure any such services, facilities and property from other sources, and (iii) the additional payments, if any, to be made to the Consultant as a result thereof pursuant to Clause GCC 42.3.

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40. Counterpart  
Personnel

40.1. The Client shall make available to the Consultant free of charge such professional and support counterpart personnel, to be nominated by the Client with the Consultant's advice, if specified in **Appendix A**.

40.2. If counterpart personnel are not provided by the Client to the Consultant as and when specified in **Appendix A**, the Client and the Consultant shall agree on (i) how the affected part of the Services shall be carried out, and (ii) the additional payments, if any, to be made by the Client to the Consultant as a result thereof pursuant to Clause GCC 42.3.

40.3. Professional and support counterpart personnel, excluding Client's liaison personnel, shall work under the exclusive direction of the Consultant. If any member of the counterpart personnel fails to perform adequately any work assigned to such member by the Consultant that is consistent with the position occupied by such member, the Consultant may request the replacement of such member, and the Client shall not unreasonably refuse to act upon such request.

41. Payment Obligation

41.1. In consideration of the Services performed by the Consultant under this Contract, the Client shall make such payments to the Consultant and in such manner as is provided by GCC F below.

## F. PAYMENTS TO THE CONSULTANT

42. Ceiling Amount

42.1. An estimate of the cost of the Services is set forth in **Appendix C** (Remuneration) and **Appendix D** (Reimbursable expenses).

42.2. Payments under this Contract shall not exceed the ceilings in foreign currency and in local currency specified in the **SCC**.

42.3. For any payments in excess of the ceilings specified in GCC 42.2, an amendment to the Contract shall be signed by the Parties referring to the provision of this Contract that evokes such amendment.

43. Remuneration and  
Reimbursable Expenses

43.1. The Client shall pay to the Consultant (i) remuneration that shall be determined on the basis of time actually spent by each Expert in the performance of the Services after the date of commencing of Services or such other date as the Parties shall agree in writing; and (ii) reimbursable expenses that are actually and reasonably incurred by the Consultant in the performance of the Services.




43.2. All payments shall be at the rates set forth in **Appendix C** and **Appendix D**.

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- 43.3. Unless the SCC provides for the price adjustment of the remuneration rates, said remuneration shall be fixed for the duration of the Contract.
- 43.4. The remuneration rates shall cover: (i) such salaries and allowances as the Consultant shall have agreed to pay to the Experts as well as factors for social charges and overheads (bonuses or other means of profit-sharing shall not be allowed as an element of overheads), (ii) the cost of backstopping by home office staff not included in the Experts' list in **Appendix B**, (iii) the Consultant's profit, and (iv) any other items as specified in the SCC.
- 43.5. Any rates specified for Experts not yet appointed shall be provisional and shall be subject to revision, with the written approval of the Client, once the applicable remuneration rates and allowances are known.
44. Taxes and Duties
- 44.1. The Consultant, Sub-consultants and Experts are responsible for meeting any and all tax liabilities arising out of the Contract unless it is stated otherwise in the SCC.
- 44.2. As an exception to the above and as stated in the SCC, all local identifiable indirect taxes (itemized and finalized at Contract negotiations) are reimbursed to the Consultant or are paid by the Client on behalf of the Consultant.
45. Currency of Payment
- 45.1. Any payment under this Contract shall be made in the currency(ies) specified in the SCC.
46. Mode of Billing and Payment
- 46.1. Billings and payments in respect of the Services shall be made as follows:
- (a) Advance payment. Within the number of days after the Effective Date, the Client shall pay to the Consultant an advance payment as specified in the SCC. Unless otherwise indicated in the SCC, an advance payment shall be made against an advance payment bank guarantee acceptable to the Client in an amount (or amounts) and in a currency (or currencies) specified in the SCC. Such guarantee (i) is to remain effective until the advance payment has been fully set off, and (ii) is to be in the form set forth in **Appendix E**, or in such other form as the Client shall have approved in writing. The advance payments will be set off by the Client in equal installments against the statements for the number of months of the Services specified in the SCC until said advance payments have been fully set off.

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- (b) The Itemized Invoices. As soon as practicable and not later than fifteen (15) days after the end of each calendar month during the period of the Services, or after the end of each time interval otherwise indicated in the SCC, the Consultant shall submit to the Client, in duplicate, itemized invoices, accompanied by the receipts or other appropriate supporting documents, of the amounts payable pursuant to Clauses GCC 45 and GCC 46 for such interval, or any other period indicated in the SCC. Separate invoices shall be submitted for expenses incurred in foreign currency and in local currency. Each invoice shall show remuneration and reimbursable expenses separately.
- (c) The Client shall pay the Consultant's invoices within sixty (60) days after the receipt by the Client of such itemized invoices with supporting documents. Only such portion of an invoice that is not satisfactorily supported may be withheld from payment. Should any discrepancy be found to exist between actual payment and costs authorized to be incurred by the Consultant, the Client may add or subtract the difference from any subsequent payments.
- (d) The Final Payment. The final payment under this Clause shall be made only after the final report and a final invoice, identified as such, shall have been submitted by the Consultant and approved as satisfactory by the Client. The Services shall be deemed completed and finally accepted by the Client and the final report and final invoice shall be deemed approved by the Client as satisfactory ninety (90) calendar days after receipt of the final report and final invoice by the Client unless the Client, within such ninety (90) calendar day period, gives written notice to the Consultant specifying in detail deficiencies in the Services, the final report or final invoice. The Consultant shall thereupon promptly make any necessary corrections, and thereafter the foregoing process shall be repeated. Any amount that the Client has paid or has caused to be paid in accordance with this Clause in excess of the amounts payable in accordance with the provisions of this Contract shall be reimbursed by the Consultant to the Client within thirty (30) days after receipt by the Consultant of notice thereof. Any such claim by the Client for reimbursement must be made within twelve (12) calendar months after receipt by the Client of a final report and a final invoice approved by the Client in accordance with the above.
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- (e) All payments under this Contract shall be made to the accounts of the Consultant specified in the SCC.
- (f) With the exception of the final payment under (d) above, payments do not constitute acceptance of the Services nor relieve the Consultant of any obligations hereunder.

#### 47. Interest on Delayed Payments

- 47.1. If the Client had delayed payments beyond fifteen (15) days after the due date stated in Clause GCC 46.1 (e), interest shall be paid to the Consultant on any amount due by, not paid on, such due date for each day of delay at the annual rate stated in the SCC.

### G. FAIRNESS AND GOOD FAITH

#### 48. Good Faith

- 48.1. The Parties undertake to act in good faith with respect to each other's rights under this Contract and to adopt all reasonable measures to ensure the realization of the objectives of this Contract.

### H. SETTLEMENT OF DISPUTES

#### 49. Amicable Settlement

- 49.1. The Parties shall seek to resolve any dispute amicably by mutual consultation.
- 49.2. If either Party objects to any action or inaction of the other Party, the objecting Party may file a written Notice of Dispute to the other Party providing in detail the basis of the dispute. The Party receiving the Notice of Dispute will consider it and respond in writing within fourteen (14) days after receipt. If that Party fails to respond within fourteen (14) days, or the dispute cannot be amicably settled within fourteen (14) days following the response of that Party, Clause GCC 50.1 shall apply.

#### 50. Dispute Resolution

- 50.1. Any dispute between the Parties arising under or related to this Contract that cannot be settled amicably may be referred to by either Party to the adjudication/arbitration in accordance with the provisions specified in the SCC.

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## II. General Conditions Attachment 1

### Fraud and Corruption

*(Text in this Attachment shall not be modified)*

#### 1. Purpose

- 1.1 The Bank's Anti-Corruption Guidelines and this annex apply with respect to procurement under Bank Investment Project Financing operations.

#### 2. Requirements

- 2.1 The Bank requires that Borrowers (including beneficiaries of Bank financing); bidders (applicants/proposers), consultants, contractors and suppliers; any sub-contractors, sub-consultants, service providers or suppliers; any agents (whether declared or not); and any of their personnel, observe the highest standard of ethics during the procurement process, selection and contract execution of Bank-financed contracts, and refrain from Fraud and Corruption.

- 2.2 To this end, the Bank:

- a. Defines, for the purposes of this provision, the terms set forth below as follows:
- i. "corrupt practice" is the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence improperly the actions of another party;
  - ii. "fraudulent practice" is any act or omission, including misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain financial or other benefit or to avoid an obligation;
  - iii. "collusive practice" is an arrangement between two or more parties designed to achieve an improper purpose, including to influence improperly the actions of another party;
  - iv. "coercive practice" is impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party;
  - v. "obstructive practice" is:
    - (a) deliberately destroying, falsifying, altering, or concealing of evidence material to the investigation or making false statements to investigators in order to materially impede a Bank investigation into allegations of a corrupt, fraudulent, coercive, or collusive practice; and/or threatening, harassing, or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation; or

- (b) acts intended to materially impede the exercise of the Bank's inspection and audit rights provided for under paragraph 2.2 e. below.
- b. Rejects a proposal for award if the Bank determines that the firm or individual recommended for award, any of its personnel, or its agents, or its sub-consultants, sub-contractors, service providers, suppliers and/ or their employees, has, directly or indirectly, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices in competing for the contract in question;
- c. In addition to the legal remedies set out in the relevant Legal Agreement, may take other appropriate actions, including declaring misprocurement, if the Bank determines at any time that representatives of the Borrower or of a recipient of any part of the proceeds of the loan engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices during the procurement process, selection and/or execution of the contract in question, without the Borrower having taken timely and appropriate action satisfactory to the Bank to address such practices when they occur, including by failing to inform the Bank in a timely manner at the time they knew of the practices;
- d. Pursuant to the Bank's Anti- Corruption Guidelines and in accordance with the Bank's prevailing sanctions policies and procedures, may sanction a firm or individual, either indefinitely or for a stated period of time, including by publicly declaring such firm or individual ineligible (i) to be awarded or otherwise benefit from a Bank-financed contract, financially or in any other manner;<sup>1</sup> (ii) to be a nominated<sup>2</sup> sub-contractor, consultant, manufacturer or supplier, or service provider of an otherwise eligible firm being awarded a Bank-financed contract; and (iii) to receive the proceeds of any loan made by the Bank or otherwise to participate further in the preparation or implementation of any Bank-financed project;
- e. Requires that a clause be included in bidding/request for proposals documents and in contracts financed by a Bank loan, requiring (i) bidders (applicants/proposers), consultants, contractors, and suppliers, and their sub-contractors, sub-consultants, service providers, suppliers, agents personnel, permit the Bank to inspect<sup>3</sup> all accounts, records and other documents relating to the procurement process, selection

<sup>1</sup> For the avoidance of doubt, a sanctioned party's ineligibility to be awarded a contract shall include, without limitation, (i) applying for pre-qualification, expressing interest in a consultancy, and bidding, either directly or as a nominated sub-contractor, nominated consultant, nominated manufacturer or supplier, or nominated service provider in respect of such contract, and (ii) entering into an addendum or amendment introducing a material modification to any existing contract.

<sup>2</sup> A nominated sub-contractor, nominated consultant, nominated manufacturer or supplier, or nominated service provider (different names are used depending on the particular bidding document) is one which has been (i) included by the bidder in its pre-qualification application or bid because it brings specific and critical experience and know-how that allow the bidder to meet the qualification requirements for the particular bid, or (ii) appointed by the Borrower. Inspections in this context usually are investigative (i.e., forensic) in nature. They involve fact-finding activities undertaken by the Bank or persons appointed by the Bank to address specific matters related to investigations/audits, such as evaluating the veracity of an allegation of possible Fraud and Corruption, through the appropriate mechanisms. Such activity includes but is not limited to: accessing and examining a firm's or individual's financial records and information, and making copies thereof as relevant; accessing and examining any other documents, data and information (whether in hard copy or electronic format) deemed relevant for the investigation/audit, and making copies thereof as relevant; interviewing staff and other relevant individuals; performing physical inspections and site visits and obtaining third party verification of information.



and/or contract execution, and to have them audited by auditors appointed by the Bank.





### III. Special Conditions of Contract (Phase 2)

*[Notes in brackets are for guidance purposes only and should be deleted in the final text of the signed contract].*

Number of GC Clause	Amendments of, and Supplements to, Clauses in the General Conditions of Contract
1.1(a)	The Contract shall be construed in accordance with the law of the Islamic Republic of Pakistan.
4.1	The language is: <b>English</b>
6.1 and 6.2	<p><b>The addresses are</b> <i>[fill in at negotiations with the selected firm]</i>:</p> <p>Client : Sindh Mass Transit Authority  Transport &amp; Mass Transit Department, Government of Sindh  Attention: Project Director (Karachi Mobility Project)  E-mail: <a href="mailto:kmp.infra.smta@gmail.com">kmp.infra.smta@gmail.com</a> <a href="mailto:pd.kmp.vlc@gmail.com">pd.kmp.vlc@gmail.com</a></p> <p>Consultant : _____</p> <p>Attention : _____</p> <p>Facsimile : _____</p> <p>E-mail (where permitted) : _____</p>
8.1	<p><i>[Note: If the Consultant consists only of one entity, state "N/A".</i></p> <p>OR</p> <p><i>If the Consultant is a Joint Venture consisting of more than one entity, the name of the JV member whose address is specified in Clause SCC6.1 should be inserted here.]</i></p> <p><b>The Lead Member on behalf of the JV is</b> _____  <i>[insert name of the member]</i></p>
9.1	<p><b>The Authorized Representatives are:</b></p> <p><b>For the Client:</b> Project Director (Karachi Mobility Project)</p> <p><b>For the Consultant:</b> <i>[name, title]</i> _____</p>
11.1	<p><b>The effectiveness conditions are the following:</b></p> <p>Signature of the contract by both parties</p>
12.1	<p><b>Termination of Contract for Failure to Become Effective:</b></p> <p>The time period shall be <b>six (06) months</b>.</p>




13.1	<p><b>Commencement of Services:</b></p> <p>For <b>Phase-II</b>, the Phase-II shall commence as the detail design deliverable of a certain package is complete, in all respects, and as per the consent of the Employer.</p> <p>Confirmation of Key Experts' availability to start the Assignment shall be submitted to the Client in writing as a written statement signed by each Key Expert.</p>
14.1	<p>Expiration of Contract: Phase 2 (Construction Supervision and DNP)</p> <p>The time period shall be <b>forty eight (48)</b> months.</p>
23.1	<p>i) 0.2% of the Phase 2 Contract value to be applied (each time) after issuance of three notices, pursuant to the GCC 6.1, to the Consultant on the negligence to comply with the TORs; as a penalty from the Client.</p> <p>The following limitation of the Consultant's Liability towards the Client can be subject to the Contract's negotiations:</p> <p>"Limitation of the Consultant's Liability towards the Client:</p> <p>(a) Except in the case of gross negligence or willful misconduct on the part of the Consultant or on the part of any person or a firm acting on behalf of the Consultant in carrying out the Services, the Consultant, with respect to damage caused by the Consultant to the Client's property, shall not be liable to the Client:</p> <p>(i) for any indirect or consequential loss or damage; and</p> <p>(ii) for any direct loss or damage that exceeds 1.5 times the total value of the Contract;</p> <p>(b) This limitation of liability shall <i>not</i></p> <p>(i) affect the Consultant's liability, if any, for damage to Third Parties caused by the Consultant or any person or firm acting on behalf of the Consultant in carrying out the Services;</p> <p>(ii) be construed as providing the Consultant with any limitation or exclusion from liability which is prohibited by the "Applicable Law"</p> <p><i>[Notes to the Client and the Consultant: Any suggestions made by the Consultant in the Proposal to introduce exclusions/limitations of the</i></p>

	<p><i>Consultant's liability under the Contract should be carefully scrutinized by the Client and discussed with the Bank prior to accepting any changes to what was included in the issued RFP. In this regard, the Parties should be aware of the Bank's policy on this matter which is as follows:</i></p> <p><i>To be acceptable to the Bank, any limitation of the Consultant's liability should at the very least be reasonably related to (a) the damage the Consultant might potentially cause to the Client, and (b) the Consultant's ability to pay compensation using its own assets and reasonably obtainable insurance coverage. The Consultant's liability shall not be limited to less than a multiplier of the total payments to the Consultant under the Contract for remuneration and reimbursable expenses. <u>A statement to the effect that the Consultant is liable only for the re-performance of faulty Services is not acceptable to the Bank.</u> Also, the Consultant's liability should never be limited for loss or damage caused by the Consultant's gross negligence or willful misconduct.</i></p> <p><i>The Bank does not accept a provision to the effect that the Client shall indemnify and hold harmless the Consultant against Third Party claims, except, of course, if a claim is based on loss or damage caused by a default or wrongful act of the Client to the extent permissible by the law applicable in the Client's country.]</i></p>
24.1	<p><b>The insurance coverage against the risks shall be as follows:</b></p> <p>(a) Professional liability insurance, with a minimum coverage of the 1.5 times of the value of the contract and claimable in Islamic Republic of Pakistan.</p> <p>(b) Third Party motor vehicle liability insurance in respect of motor vehicles operated in the Client's country by the Consultant or its Experts or Sub-consultants, with a minimum coverage of USD 100,000;</p> <p>(c) Third Party liability insurance, with a minimum coverage of USD 100,000;</p> <p>(d) Employer's Liability and workers' compensation insurance in respect of the experts and Sub-consultants in accordance with the relevant provisions of the applicable law in the Client's country, as well as, with respect to such Experts, any such life, health, accident, travel or other insurance as may be appropriate; and</p>

	<p>(e) Insurance against loss of or damage to (i) equipment purchased in whole or in part with funds provided under this Contract, (ii) the Consultant's property used in the performance of the Services, and (iii) any documents prepared by the Consultant in the performance of the Services.</p> <p><u>Copy of the above insurance policy shall be presented to the Client within 30 days after the Effective Date of this Contract.</u></p>
27.2	The Consultant shall not use these documents for purposes unrelated to this Contract without the prior written approval of the Client.
29. Code of Conduct	The Consultant is required to have a Code of Conduct for Experts (ES).
33. Removal of Experts or Sub-consultants	<p>Insert the following as Sub-Paragraph 33.3 and renumber original Sub-Paragraph 33.3 as Sub-Paragraph 33.4:</p> <p>"33.3 Experts or Subconsultants who are found to be in breach of the Consultant's Code of Conduct (ES) (including on sexual harassment, sexual exploitation and sexual abuse) <u>shall be replaced</u> by the Consultant, or at the Client's written request."</p>
42.2	<p>The ceiling in foreign currency or currencies is: _____ <i>[insert amount and currency for each currency]</i> exclusive of local indirect taxes.</p> <p>The ceiling in local currency is: _____ <i>[insert amount and currency]</i> exclusive of local indirect taxes.</p> <p>Any indirect local taxes chargeable in respect of this Contract for the Services provided by the Consultant shall be paid by the Consultant.</p> <p>The amount of such taxes is _____ <i>[insert the amount as finalized at the Contract's negotiations on the basis of the estimates provided by the Consultant in Form FLN-2 of the Consultant's Financial Proposal.]</i></p>
43.3	<p>Price adjustment on the remuneration <u>applies</u> for Phase 2</p> <p>Payments for remuneration made in [foreign and/or local] currency shall be adjusted as follows:</p> <p>(1) Remuneration paid in foreign currency on the basis of the rates</p>



set forth in **Appendix C** shall be adjusted every 12 months (and, the first time, with effect for the remuneration earned in the 13<sup>th</sup> calendar month after the date of the Contract Effectiveness date) by applying the following formula:

$$R_t = R_{t_0} \times \frac{I_t}{I_{t_0}} \quad \left\{ \text{or} \quad R_t = R_{t_0} \times \left[ 0.1 + 0.9 \frac{I_t}{I_{t_0}} \right] \right\}$$

where

$R_t$  is the adjusted remuneration;

$R_{t_0}$  is the remuneration payable on the basis of the remuneration rates (**Appendix C**) in foreign currency;

$I_t$  is the official index for salaries in the country of the foreign currency for the first month for which the adjustment is supposed to have effect; and

$I_{t_0}$  is the official index for salaries in the country of the foreign currency for the month of the date of the Contract.

The Consultant shall state here the name, source institution, and any necessary identifying characteristics of the official index for salaries corresponding to  $I_t$  and  $I_{t_0}$  in the adjustment formula for remuneration paid in foreign currency: *[Insert the name, source institution, and necessary identifying characteristics of the index for foreign currency, e.g. "Consumer Price Index for all Urban Consumers (CPI-U), not seasonally adjusted; U.S. Department of Labor, Bureau of Labor Statistics"]*

- (2) Remuneration paid in local currency pursuant to the rates set forth in **Appendix D** shall be adjusted every *[insert number]* months (and, for the first time, with effect for the remuneration earned in the *[insert number]* the calendar month after the date of the Contract) by applying the following formula:

$$R_t = R_{t_0} \times \frac{I_t}{I_{t_0}} \quad \left\{ \text{or} \quad R_t = R_{t_0} \times \left[ 0.1 + 0.9 \frac{I_t}{I_{t_0}} \right] \right\}$$

where

$R_t$  is the adjusted remuneration;

$R_{t_0}$  is the remuneration payable on the basis of the remuneration rates (**Appendix D**) in local currency;

$I_t$  is the official index for salaries in the Client's country for the first month for which the adjustment is to have effect; and

$I_{t_0}$  is the official index for salaries in the Client's country for the month of the date of the Contract.

The Client shall state here the name, source institution, and any

	<p>necessary identifying characteristics of the official index for salaries corresponding to <math>I_t</math> and <math>I_{t_0}</math> in the adjustment formula for remuneration paid in local currency: <b>Statistical Bulletin issued by the Bureau of Statistics of Pakistan</b></p> <p>(3) Any part of the remuneration that is paid in a currency different from the currency of the official index for salaries used in the adjustment formula, shall be adjusted by a correction factor <math>X_t/X</math>. <math>X_{t_0}</math> is the number of units of currency of the country of the official index, equivalent to one unit of the currency of payment on the date of the contract. <math>X</math> is the number of units of currency of the country of the official index, equivalent to one unit of the currency of payment on the first day of the first month for which the adjustment is supposed to have effect.</p>
44.1 and 44.2	<p>"the Consultant, Sub-consultants and the Experts shall pay any direct &amp; indirect taxes, duties, fees, levies and other impositions imposed, under the applicable law in the Client's country, on the Consultant, the Sub-consultants and the Experts in respect of:</p> <ul style="list-style-type: none"> <li>(a) any payments whatsoever made to the Consultant, Sub-consultants and the Experts, in connection with the carrying out of the Services;</li> <li>(b) any equipment, materials and supplies brought into the Client's country by the Consultant or Sub-consultants for the purpose of carrying out the Services and which, after having been brought into such territories, will be subsequently withdrawn by them;</li> <li>(c) any equipment imported for the purpose of carrying out the Services and paid for out of funds provided by the Client and which is treated as property of the Client;</li> <li>(d) any property brought into the Client's country by the Consultant, any Sub-consultants or the Experts, or the eligible dependents of such experts for their personal use and which will subsequently be withdrawn by them upon their respective departure from the Client's country, provided that: <ul style="list-style-type: none"> <li>(i) the Consultant, Sub-consultants and experts shall follow the usual customs procedures of the Client's country in importing property into the Client's country; and</li> <li>ii) if the Consultant, Sub-consultants or Experts do not withdraw but dispose of any property in the Client's country upon which customs duties and taxes have been exempted, the Consultant, Sub-consultants or Experts, as the case may be, (a) shall bear such</li> </ul> </li> </ul>

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	customs duties and taxes in conformity with the regulations of the Client's country, or (b) shall reimburse them to the Client if they were paid by the Client at the time the property in question was brought into the Client's country.
45.1	<b>The currency [currencies] of payment shall be the following:</b> <i>[list currency(ies) which should be the same as in the Financial Proposal, Form FIN-2]</i>
46.1(a)	The following provisions shall apply to the advance payment and the advance bank payment guarantee: <ol style="list-style-type: none"> <li>(1) An advance payment of <u>5% of the Phase 2 contract value</u> shall be made within 30 days, of the start of Phase 2, against a Bank guarantee acceptable to the Client. The advance payment will be set off by the Client in equal installments of 5% against the invoices submitted for the <b>Phase 2</b> of the Services until the advance payment has been fully set off.</li> <li>(2) The advance bank payment guarantee shall be in <u>the amount and in the currency of the currency(ies)</u> of the advance payment.</li> </ol>
46.1(b)	<b>The Consultant shall submit to the Client itemized statements at time intervals of <u>every month</u></b>
46.1(e)	<b>The accounts are:</b>  for foreign currency: <i>[insert account]</i> . for local currency: <i>[insert account]</i> .
47.1	<b>The interest rate is: 1% annual rate</b>
50.	<b>Disputes shall be settled by arbitration in accordance with the following provisions:</b> <ol style="list-style-type: none"> <li>1. <u>Selection of Arbitrators.</u> Each dispute submitted by a Party to arbitration shall be heard by a sole arbitrator or an arbitration panel composed of three (3) arbitrators, in accordance with the following provisions:           <ol style="list-style-type: none"> <li>(a) Where the Parties agree that the dispute concerns a technical matter, they may agree to appoint a sole arbitrator or, failing agreement on the identity of such sole arbitrator within thirty (30) days after receipt by the other Party of the proposal of a name for such an appointment by the Party who initiated the proceedings, either Party may apply to</li> </ol> </li> </ol>

	<p><i>[name an appropriate international professional body, e.g., the Federation Internationale des Ingenieurs-Conseil (FIDIC) of Lausanne, Switzerland]</i> for a list of not fewer than five (5) nominees and, on receipt of such list, the Parties shall alternately strike names therefrom, and the last remaining nominee on the list shall be the sole arbitrator for the matter in dispute. If the last remaining nominee has not been determined in this manner within sixty (60) days of the date of the list, <i>[insert the name of the same professional body as above]</i> shall appoint, upon the request of either Party and from such list or otherwise, a sole arbitrator for the matter in dispute.</p> <p>(b) Where the Parties do not agree that the dispute concerns a technical matter, the Client and the Consultant shall each appoint one (1) arbitrator, and these two arbitrators shall jointly appoint a third arbitrator, who shall chair the arbitration panel. If the arbitrators named by the Parties do not succeed in appointing a third arbitrator within thirty (30) days after the latter of the two (2) arbitrators named by the Parties has been appointed, the third arbitrator shall, at the request of either Party, be appointed by <i>[name an appropriate international appointing authority, e.g., the Secretary General of the Permanent Court of Arbitration, The Hague; the Secretary General of the International Centre for Settlement of Investment Disputes, Washington, D.C.; the International Chamber of Commerce, Paris; etc.]</i>.</p> <p>(c) If, in a dispute subject to paragraph (b) above, one Party fails to appoint its arbitrator within thirty (30) days after the other Party has appointed its arbitrator, the Party which has named an arbitrator may apply to the <i>[name the same appointing authority as in said paragraph (b)]</i> to appoint a sole arbitrator for the matter in dispute, and the arbitrator appointed pursuant to such application shall be the sole arbitrator for that dispute.</p>
	<p>2. <u>Rules of Procedure.</u> Except as otherwise stated herein, arbitration proceedings shall be conducted in accordance with the rules of procedure for arbitration of the United Nations Commission on International Trade Law (UNCITRAL) as in force on the date of this Contract.</p> <p>3. <u>Substitute Arbitrators.</u> If for any reason an arbitrator is unable to perform his/her function, a substitute shall be appointed in the</p>





	<p>same manner as the original arbitrator.</p> <p>4. <u>Nationality and Qualifications of Arbitrators.</u> The sole arbitrator or the third arbitrator appointed pursuant to paragraphs 1(a) through 1(c) above shall be an internationally recognized legal or technical expert with extensive experience in relation to the matter in dispute and shall not be a national of the Consultant's home country [Note: If the Consultant consists of more than one entity, add: or of the home country of any of their members or Parties/ or of the Government's country. For the purposes of this Clause, "home country" means any of:</p> <ul style="list-style-type: none"><li>(a) the country of incorporation of the Consultant [Note: If the Consultant consists of more than one entity, add: or of any of their members or Parties/; or</li><li>(b) the country in which the Consultant's [or any of their members' or Parties'] principal place of business is located; or</li><li>(c) the country of nationality of a majority of the Consultant's [or of any members' or Parties'] shareholders; or</li><li>(d) the country of nationality of the Sub-consultants concerned, where the dispute involves a subcontract.</li></ul>
	<p>5. <u>Miscellaneous.</u> In any arbitration proceeding hereunder:</p> <ul style="list-style-type: none"><li>(a) proceedings shall, unless otherwise agreed by the Parties, be held in [select a country which is neither the Client's country nor the Consultant's country];</li><li>(b) the [type of language] language shall be the official language for all purposes; and</li><li>(c) the decision of the sole arbitrator or of a majority of the arbitrators (or of the third arbitrator if there is no such majority) shall be final and binding and shall be enforceable in any court of competent jurisdiction, and the Parties hereby waive any objections to or claims of immunity in respect of such enforcement.</li></ul>

## IV. Appendices

### APPENDIX A – TERMS OF REFERENCE

*[This Appendix shall include the final Terms of Reference (TORs) worked out by the Client and the Consultant during the negotiations; dates for completion of various tasks; location of performance for different tasks; detailed reporting requirements; Client's input, including counterpart personnel assigned by the Client to work on the Consultant's team; specific tasks that require prior approval by the Client.]*

*Insert the text based on the Section 7 (Terms of Reference) of the ITC in the RFP and modified based on the Forms TECH-1 through TECH-5 in the Consultant's Proposal. Highlight the changes to Section 7 of the RFP]*

### APPENDIX B - KEY EXPERTS

*[Insert a table based on Form TECH-6 of the Consultant's Technical Proposal and finalized at the Contract's negotiations. Attach the CVs (updated and signed by the respective Key Experts) demonstrating the qualifications of Key Experts.]*

*[Specify Hours of Work for Key Experts: List here the hours of work for Key Experts; travel time to/ from the Client's country; entitlement, if any, to leave pay; public holidays in the Client's country that may affect Consultant's work; etc. Make sure there is consistency with Form TECH-6. In particular: one month equals twenty two (22) working (billable) days. One working (billable) day shall be not less than eight (8) working (billable) hours. ]*

### APPENDIX C – REMUNERATION COST ESTIMATES

1. Monthly rates for the Experts:

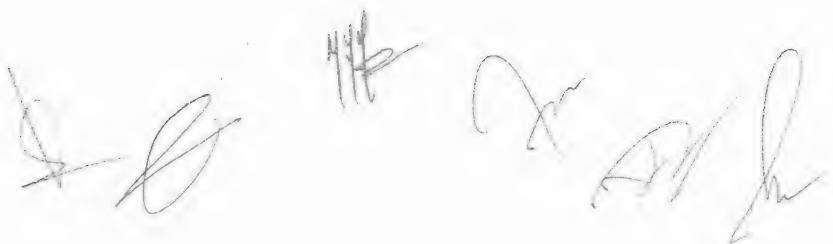
*[Insert the table with the remuneration rates. The table shall be based on [Form FIN-3] of the Consultant's Proposal and reflect any changes agreed at the Contract negotiations, if any. The footnote shall list such changes made to [Form FIN-3] at the negotiations or state that none has been made.]*

2. *[When the Consultant has been selected under Quality-Based Selection method, or the Client has requested the Consultant to clarify the breakdown of very high remuneration rates at the Contract's negotiations also add the following:*



*"The agreed remuneration rates shall be stated in the attached Model Form I. This form shall be prepared on the basis of Appendix A to Form FIN-3 of the RFP 'Consultants' Representations regarding Costs and Charges' submitted by the Consultant to the Client prior to the Contract's negotiations.*

*Should these representations be found by the Client (either through inspections or audits pursuant to Clause GCC 25.2 or through other means) to be materially incomplete or inaccurate, the Client shall be entitled to introduce appropriate modifications in the remuneration rates affected by such materially incomplete or inaccurate representations. Any such modification shall have retroactive effect and, in case remuneration has already been paid by the Client before any such modification, (i) the Client shall be entitled to offset any excess payment against the next monthly payment to the Consultants, or (ii) if there are no further payments to be made by the Client to the Consultants, the Consultants shall reimburse to the Client any excess payment within thirty (30) days of receipt of a written claim of the Client. Any such claim by the Client for reimbursement must be made within twelve (12) calendar months after receipt by the Client of a final report and a final statement approved by the Client in accordance with Clause GCC 46.1(d) of this Contract."*



# **Model Form 1** **Breakdown of Agreed Fixed Rates in Consultant's Contract**

We hereby confirm that we have agreed to pay to the Experts listed, who will be involved in performing the Services, the basic fees and away from the home office allowances (if applicable) indicated below:

(Expressed in [insert name of currency])\*

Experts		1	2	3	4	5	6	7	8
Name	Position	Basic Remuneration rate per Working Month/Day/Year	Social Charges <sup>1</sup>	Overhead <sup>1</sup>	Subtotal	Profit <sup>2</sup>	Away from Home Office Allowance	Agreed Fixed Rate per Working Month/Day/1 Hour	Agreed Fixed Rate per Working Month/Day/1 Hour <sup>1</sup>
Home Office									
Work in the Client's Country									

1 Expressed as percentage of 1

2 Expressed as percentage of 4

\* If more than one currency, add a table

Signature \_\_\_\_\_

Date \_\_\_\_\_

Name and Title: \_\_\_\_\_



### APPENDIX D – REIMBURSABLE EXPENSES COST ESTIMATES

1. *[Insert the table with the reimbursable expenses rates. The table shall be based on [Form FIN-4] of the Consultant's Proposal and reflect any changes agreed at the Contract negotiations, if any. The footnote shall list such changes made to [Form FIN-4] at the negotiations or state that none has been made.]*

2. *All reimbursable expenses shall be reimbursed at actual cost, unless otherwise explicitly provided in this Appendix, and in no event shall reimbursement be made in excess of the Contract amount.]*

## APPENDIX E - FORM OF ADVANCE PAYMENTS GUARANTEE

[See Clause GCC 46.1(a) and SCC 46.1(a)]

{Guarantor letterhead or SWIFT identifier code}

### Bank Guarantee for Advance Payment

**Guarantor:** \_\_\_\_\_ [insert commercial Bank's Name, and Address of Issuing Branch or Office]

**Beneficiary:** \_\_\_\_\_ [insert Name and Address of Client]

**Date:** \_\_\_\_\_ [insert date]

**ADVANCE PAYMENT GUARANTEE No.:** \_\_\_\_\_ [insert number]

We have been informed that \_\_\_\_\_ [name of Consultant or a name of the Joint Venture, same as appears on the signed Contract] (hereinafter called "the Consultant") has entered into Contract No. \_\_\_\_\_ [reference number of the contract] dated \_\_\_\_\_ [insert date] with the Beneficiary, for the provision of \_\_\_\_\_ [brief description of Services] (hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, an advance payment in the sum of \_\_\_\_\_ [insert amount in figures] (\_\_\_\_\_ [amount in words]) is to be made against an advance payment guarantee.

At the request of the Consultant, we, as Guarantor, hereby irrevocably undertake to pay the Beneficiary any sum or sums not exceeding in total an amount of \_\_\_\_\_ [amount in figures] (\_\_\_\_\_ [amount in words])<sup>1</sup> upon receipt by us of the Beneficiary's complying demand supported by the Beneficiary's a written statement, whether in the demand itself or in a separate signed document accompanying or identifying the demand, stating that the Consultant is in breach of its obligation under the Contract because the Consultant:

- (a) has failed to repay the advance payment in accordance with the Contract conditions, specifying the amount which the Consultant has failed to repay;
- (b) has used the advance payment for purposes other than toward providing the Services under the Contract.

<sup>1</sup> The Guarantor shall insert an amount representing the amount of the advance payment and denominated either in the currency(ies) of the advance payment as specified in the Contract, or in a freely convertible currency acceptable to the Client.

Section 8. Conditions of Contract and Contract Forms (Time Based)

It is a condition for any claim and payment under this guarantee to be made that the advance payment referred to above must have been received by the Consultant on its account number \_\_\_\_\_ at \_\_\_\_\_ *[name and address of bank]*.

The maximum amount of this guarantee shall be progressively reduced by the amount of the advance payment repaid by the Consultant as indicated in certified statements or invoices marked as "paid" by the Client which shall be presented to us. This guarantee shall expire, at the latest, upon our receipt of the payment certificate or paid invoice indicating that the Consultant has made full repayment of the amount of the advance payment, or on the \_\_ day of *[month]* \_\_\_\_\_, *[year]* \_\_, <sup>2</sup> whichever is earlier. Consequently, any demand for payment under this guarantee must be received by us at this office on or before that date.

This guarantee is subject to the Uniform Rules for Demand Guarantees (URDG) 2010 revision, ICC Publication No. 758.

\_\_\_\_\_  
*[signature(s)]*

*{Note: All italicized text is for indicative purposes only to assist in preparing this form and shall be deleted from the final product.}*

<sup>2</sup> Insert the expected expiration date. In the event of an extension of the time for completion of the Contract, the Client would need to request an extension of this guarantee from the Guarantor. Such request must be in writing and must be made prior to the expiration date established in the guarantee. In preparing this guarantee, the Client might consider adding the following text to the form, at the end of the penultimate paragraph: "The Guarantor agrees to a one-time extension of this guarantee for a period not to exceed *[six months][one year]*, in response to the Client's written request for such extension, such request to be presented to the Guarantor before the expiry of the guarantee."



## APPENDIX F - CODE OF CONDUCT (ES)

*[NOTE TO CLIENT: TO BE INCLUDED FOR SUPERVISION OF INFRASTRUCTURE CONTRACTS  
(SUCH AS PLANT OR WORKS) AND FOR OTHER CONSULTING SERVICE WHERE THE SOCIAL  
RISKS ARE SUBSTANTIAL OR HIGH]*

*[Handwritten signatures and initials]*



LUMP-SUM FORM OF CONTRACT

## STANDARD FORM OF CONTRACT

# Consultant's Services

Lump-Sum (Phase 1)

Project Name: Karachi Mobility Project

Loan No. IBRD-89950

Assignment Title: Consulting Services in Preparation of Detailed Design, Procurement Support and Construction Supervision for Yellow Bus Rapid Transit Corridor

Contract No. PK-SMTA-122605-CS-QCBS

between

The Sindh Mass Transit Authority



*[Handwritten signatures and initials]*

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## CONTRACT FOR CONSULTANT'S SERVICES

### Lump-Sum (Phase 1)

Project Name: Karachi Mobility Project

Loan No. IBRD-89950

Assignment Title: Consulting Services in Preparation of Detailed Design, Procurement Support and Construction Supervision for Yellow Bus Rapid Transit Corridor

Contract No. PK-SMTA-122605-CS-QCBS

between

The Sindh Mass Transit Authority

Dated: \_\_\_\_\_



## I. Form of Contract

### LUMP-SUM (PHASE 1)

(Text in brackets [ ] is optional; all notes should be deleted in the final text)

This CONTRACT (hereinafter called the "Contract") is made the [number] day of the month of [month], [year], between, on the one hand, [name of Client or Recipient] (hereinafter called the "Client") and, on the other hand, [name of Consultant] (hereinafter called the "Consultant").

*[If the Consultant consist of more than one entity, the above should be partially amended to read as follows: "... (hereinafter called the "Client") and, on the other hand, a Joint Venture (name of the JV) consisting of the following entities, each member of which will be jointly and severally liable to the Client for all the Consultant's obligations under this Contract, namely, [name of member] and [name of member] (hereinafter called the "Consultant").]*

#### WHEREAS

- (a) the Client has requested the Consultant to provide certain consulting services as defined in this Contract (hereinafter called the "Services");
- (b) the Consultant, having represented to the Client that it has the required professional skills, expertise and technical resources, has agreed to provide the Services on the terms and conditions set forth in this Contract;
- (c) the Client has received [or has applied for] a loan [or credit or grant] from the [insert as relevant, International Bank for Reconstruction and Development (IBRD) or International Development Association (IDA)]; toward the cost of the Services and intends to apply a portion of the proceeds of this [loan/credit/grant] to eligible payments under this Contract, it being understood that (i) payments by the Bank will be made only at the request of the Client and upon approval by the Bank; (ii) such payments will be subject, in all respects, to the terms and conditions of the [loan/financing/grant] agreement, including prohibitions of withdrawal from the [loan/credit/grant] account for the purpose of any payment to persons or entities, or for any import of goods, if such payment or import, to the knowledge of the Bank, is prohibited by the decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations; and (iii) no party other than the Client shall derive any rights from the [loan/financing/grant] agreement or have any claim to the [loan/credit/grant] proceeds;

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NOW THEREFORE the parties hereto hereby agree as follows:

1. The following documents attached hereto shall be deemed to form an integral part of this Contract:

- (a) The General Conditions of Contract (including Attachment 1 "Fraud and Corruption");
- (b) The Special Conditions of Contract;
- (c) Appendices:

Appendix A: Terms of Reference

Appendix B: Key Experts

Appendix C: Breakdown of Contract Price

Appendix D: Form of Advance Payments Guarantee

Appendix E: Code of Conduct (ES) *[Note to Client: to be included for supervision of infrastructure contracts (such as Plant or Works) and for other consulting service where the social risks are substantial or high]*

In the event of any inconsistency between the documents, the following order of precedence shall prevail: the Special Conditions of Contract; the General Conditions of Contract, including Attachment 1; Appendix A; Appendix B; Appendix C; Appendix D; and Appendix E *[Note to Client: to be included for supervision of infrastructure (such as Plant or Works) contracts and for other consulting service where the social risks are substantial or high]*. Any reference to this Contract shall include, where the context permits, a reference to its Appendices.

2. The mutual rights and obligations of the Client and the Consultant shall be as set forth in the Contract, in particular:

- (a) the Consultant shall carry out the Services in accordance with the provisions of the Contract; and
- (b) the Client shall make payments to the Consultant in accordance with the provisions of the Contract.

IN WITNESS WHEREOF, the Parties hereto have caused this Contract to be signed in their respective names as of the day and year first above written.

For and on behalf of *[Name of Client]*

\_\_\_\_\_  
*[Authorized Representative of the Client -- name, title and signature]*

For and on behalf of *[Name of Consultant or Name of a Joint Venture]*

\_\_\_\_\_

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*[Authorized Representative of the Consultant – name and signature]*

*[For a joint venture, either all members shall sign or only the lead member, in which case the power of attorney to sign on behalf of all members shall be attached.]*

*For and on behalf of each of the members of the Consultant [insert the Name of the Joint Venture]*

*[Name of the lead member]*

*[Authorized Representative on behalf of a Joint Venture]*

*[add signature blocks for each member if all are signing]*

A handwritten signature consisting of a circle with a diagonal line through it, followed by a short horizontal stroke.Three handwritten signatures. The first is a large, stylized signature. The second is a smaller, more compact signature. The third is a signature that appears to be 'M.H.' followed by a flourish.



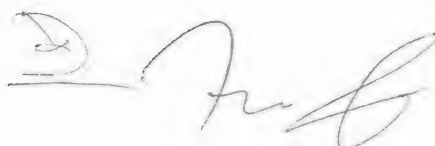
## II. General Conditions of Contract

### A. GENERAL PROVISIONS

#### 1. Definitions

1.1. Unless the context otherwise requires, the following terms whenever used in this Contract have the following meanings:

- (a) **"Applicable Law"** means the laws and any other instruments having the force of law in the Client's country, or in such other country as may be specified in the **Special Conditions of Contract (SCC)**, as they may be issued and in force from time to time.
- (b) **"Bank"** means the International Bank for Reconstruction and Development (IBRD) or the International Development Association (IDA).
- (c) **"Borrower"** means the Government, Government agency or other entity that signs the financing agreement with the Bank.
- (d) **"Client"** means the implementing agency that signs the Contract for the Services with the Selected Consultant.
- (e) **"Client's Personnel"** refers to the staff, labor and other employees (if any) of the Client engaged in fulfilling the Client's obligations under the Contract; and any other personnel identified as Client's Personnel, by a notice from the Client to the Consultant.
- (f) **"Consultant"** means a legally-established professional consulting firm or entity selected by the Client to provide the Services under the signed Contract.
- (g) **"Contract"** means the legally binding written agreement signed between the Client and the Consultant and which includes all the attached documents listed in its paragraph 1 of the Form of Contract (the General Conditions (GCC), the Special Conditions (SCC), and the Appendices).
- (h) **"Contractor"** means the person named as contractor in the contract to be supervised by the Consultant (if applicable).
- (i) **"Contractor's Personnel"** means personnel whom the Contractor utilizes in the execution of its contract, including the staff, labor and other employees of the Contractor and each subcontractor; and any other personnel assisting the Contractor in the execution of the contract to be supervised by the Consultant (if applicable).



- (j) **"Day"** means a working day unless indicated otherwise.
- (k) **"ES"** means environmental and social (including Sexual Exploitation and Abuse (SEA) and Sexual Harassment (SH).
- (l) **"Effective Date"** means the date on which this Contract comes into force and effect pursuant to Clause GCC 11.
- (m) **"Experts"** means, collectively, Key Experts, Non-Key Experts, or any other personnel of the Consultant, Sub-consultant or JV member(s) assigned by the Consultant to perform the Services or any part thereof under the Contract.
- (n) **"Foreign Currency"** means any currency other than the currency of the Client's country.
- (o) **"GCC"** means these General Conditions of Contract.
- (p) **"Government"** means the government of the Client's country.
- (q) **"Joint Venture (JV)"** means an association with or without a legal personality distinct from that of its members, of more than one entity where one member has the authority to conduct all businesses for and on behalf of any and all the members of the JV, and where the members of the JV are jointly and severally liable to the Client for the performance of the Contract.
- (r) **"Key Expert(s)"** means an individual professional whose skills, qualifications, knowledge and experience are critical to the performance of the Services under the Contract and whose Curricula Vitae (CV) was taken into account in the technical evaluation of the Consultant's proposal.
- (s) **"Local Currency"** means the currency of the Client's country.
- (t) **"Non-Key Expert(s)"** means an individual professional provided by the Consultant or its Sub-consultant to perform the Services or any part thereof under the Contract.
- (u) **"Party"** means the Client or the Consultant, as the case may be, and **"Parties"** means both of them.
- (v) **"SCC"** means the Special Conditions of Contract by which the GCC may be amended or supplemented but not over-written.
- (w) **"Services"** means the work to be performed by the Consultant pursuant to this Contract, as described in Appendix A hereto.

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- (x) **"Sexual Exploitation and Abuse" "(SEA)"** means the following:

**Sexual Exploitation** is defined as any actual or attempted abuse of position of vulnerability, differential power or trust, for sexual purposes, including, but not limited to, profiting monetarily, socially or politically from the sexual exploitation of another.

**Sexual Abuse** is defined as the actual or threatened physical intrusion of a sexual nature, whether by force or under unequal or coercive conditions.

- (y) **"Sexual Harassment" "(SH)"** is defined as unwelcome sexual advances, requests for sexual favors, and other verbal or physical conduct of a sexual nature by the Experts with other Experts, Contractor's (if applicable) or Client's Personnel.
- (z) **"Site"** (if applicable) means the land and other places where Works are to be executed or facilities to be installed, and such other land or places as may be specified in the Contractor's Contract as forming part of the Site.
- (aa) **"Sub-consultants"** means an entity to whom/which the Consultant subcontracts any part of the Services while remaining solely liable for the execution of the Contract.
- (bb) **"Third Party"** means any person or entity other than the Government, the Client, the Consultant or a Sub-consultant.

2. Relationship between the Parties

2.1. Nothing contained herein shall be construed as establishing a relationship of master and servant or of principal and agent as between the Client and the Consultant. The Consultant, subject to this Contract, has complete charge of the Experts and Sub-consultants, if any, performing the Services and shall be fully responsible for the Services performed by them or on their behalf hereunder.

3. Law Governing Contract

3.1. This Contract, its meaning and interpretation, and the relation between the Parties shall be governed by the Applicable Law.

4. Language

4.1. This Contract has been executed in the language specified in the SCC, which shall be the binding and controlling language for all matters relating to the meaning or interpretation of this Contract.

5. Headings

5.1. The headings shall not limit, alter or affect the meaning of this Contract.

6. Communications

6.1. Any communication required or permitted to be given or made pursuant to this Contract shall be in writing in the language specified

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in Clause GCC 4. Any such notice, request or consent shall be deemed to have been given or made when delivered in person to an authorized representative of the Party to whom the communication is addressed, or when sent to such Party at the address specified in the SCC.

6.2.A Party may change its address for notice hereunder by giving the other Party any communication of such change to the address specified in the SCC.

**7. Location**

7.1.The Services shall be performed at such locations as are specified in **Appendix A** hereto and, where the location of a particular task is not so specified, at such locations, whether in the Government's country or elsewhere, as the Client may approve.

**8. Authority of Member in Charge**

8.1.In case the Consultant is a Joint Venture, the members hereby authorize the member specified in the **SCC** to act on their behalf in exercising all the Consultant's rights and obligations towards the Client under this Contract, including without limitation the receiving of instructions and payments from the Client.

**9. Authorized Representatives**

9.1.Any action required or permitted to be taken, and any document required or permitted to be executed under this Contract by the Client or the Consultant may be taken or executed by the officials specified in the **SCC**.

**10. Fraud and Corruption**

10.1. The Bank requires compliance with the Bank's Anti-Corruption Guidelines and its prevailing sanctions policies and procedures as set forth in the Bank's Sanctions Framework, as set forth in Attachment 1 to the GCC.

**a. Commissions and Fees**

10.2. The Client requires the Consultant to disclose any commissions, gratuities or fees that may have been paid or are to be paid to agents or any other party with respect to the selection process or execution of the Contract. The information disclosed must include at least the name and address of the agent or other party, the amount and currency, and the purpose of the commission, gratuity or fee. Failure to disclose such commissions, gratuities or fees may result in termination of the Contract and/or sanctions by the Bank.

**B. COMMENCEMENT, COMPLETION, MODIFICATION AND TERMINATION OF CONTRACT**

**11. Effectiveness of Contract**

11.1. This Contract shall come into force and effect on the date (the "Effective Date") of the Client's notice to the Consultant instructing the Consultant to begin carrying out the Services. This notice shall confirm that the effectiveness conditions, if any, listed in



the SCC have been met.

12. Termination of Contract for Failure to Become Effective
  - 12.1. If this Contract has not become effective within such time period after the date of Contract signature as specified in the SCC, either Party may, by not less than twenty two (22) days written notice to the other Party, declare this Contract to be null and void, and in the event of such a declaration by either Party, neither Party shall have any claim against the other Party with respect hereto.
13. Commencement of Services
  - 13.1. The Consultant shall confirm availability of Key Experts and begin carrying out the Services not later than the number of days after the Effective Date specified in the SCC.
14. Expiration of Contract
  - 14.1. Unless terminated earlier pursuant to Clause GCC 19 hereof, this Contract shall expire at the end of such time period after the Effective Date as specified in the SCC.
15. Entire Agreement
  - 15.1. This Contract contains all covenants, stipulations and provisions agreed by the Parties. No agent or representative of either Party has authority to make, and the Parties shall not be bound by or be liable for, any statement, representation, promise or agreement not set forth herein.
16. Modifications or Variations
  - 16.1. Any modification or variation of the terms and conditions of this Contract, including any modification or variation of the scope of the Services, may only be made by written agreement between the Parties. However, each Party shall give due consideration to any proposals for modification or variation made by the other Party.
  - 16.2. In cases of substantial modifications or variations, the prior written consent of the Bank is required.
17. Force Majeure
  - a. Definition
    - 17.1. For the purposes of this Contract, "Force Majeure" means an event which is beyond the reasonable control of a Party, is not foreseeable, is unavoidable, and makes a Party's performance of its obligations hereunder impossible or so impractical as reasonably to be considered impossible under the circumstances, and subject to those requirements, includes, but is not limited to, war, riots, civil disorder, earthquake, fire, explosion, storm, flood or other adverse weather conditions, strikes, lockouts or other industrial action confiscation or any other action by Government agencies.
    - 17.2. Force Majeure shall not include (i) any event which is caused by the negligence or intentional action of a Party or such Party's Experts, Sub-consultants or agents or employees, nor (ii) any event which a diligent Party could reasonably have been expected to both take into account at the time of the conclusion of this Contract, and

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avoid or overcome in the carrying out of its obligations hereunder.

17.3. Force Majeure shall not include insufficiency of funds or failure to make any payment required hereunder.

**b. No Breach of Contract**

17.4. The failure of a Party to fulfill any of its obligations hereunder shall not be considered to be a breach of, or default under, this Contract insofar as such inability arises from an event of Force Majeure, provided that the Party affected by such an event has taken all reasonable precautions, due care and reasonable alternative measures, all with the objective of carrying out the terms and conditions of this Contract.

**c. Measures to be Taken**

17.5. A Party affected by an event of Force Majeure shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall take all reasonable measures to minimize the consequences of any event of Force Majeure.

17.6. A Party affected by an event of Force Majeure shall notify the other Party of such event as soon as possible, and in any case not later than fourteen (14) calendar days following the occurrence of such event, providing evidence of the nature and cause of such event, and shall similarly give written notice of the restoration of normal conditions as soon as possible.

17.7. Any period within which a Party shall, pursuant to this Contract, complete any action or task, shall be extended for a period equal to the time during which such Party was unable to perform such action as a result of Force Majeure.

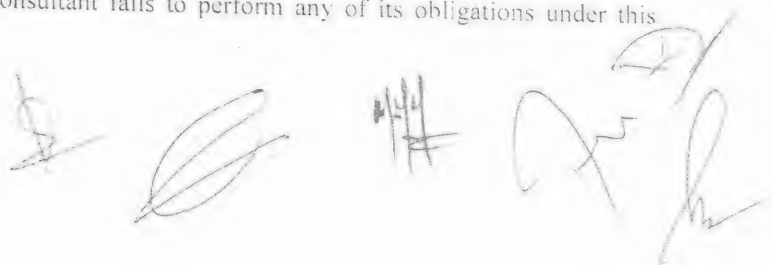
17.8. During the period of their inability to perform the Services as a result of an event of Force Majeure, the Consultant, upon instructions by the Client, shall either:

- (a) demobilize, in which case the Consultant shall be reimbursed for additional costs they reasonably and necessarily incurred, and, if required by the Client, in reactivating the Services; or
- (b) continue with the Services to the extent reasonably possible, in which case the Consultant shall continue to be paid under the terms of this Contract and be reimbursed for additional costs reasonably and necessarily incurred.

17.9. In the case of disagreement between the Parties as to the existence or extent of Force Majeure, the matter shall be settled according to Clauses GCC 45 & 46.

**18. Suspension**

18.1. The Client may, by written notice of suspension to the Consultant, suspend part or all payments to the Consultant hereunder if the Consultant fails to perform any of its obligations under this

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Contract, including the carrying out of the Services, provided that such notice of suspension (i) shall specify the nature of the failure, and (ii) shall request the Consultant to remedy such failure within a period not exceeding thirty (30) calendar days after receipt by the Consultant of such notice of suspension.

## 19. Termination

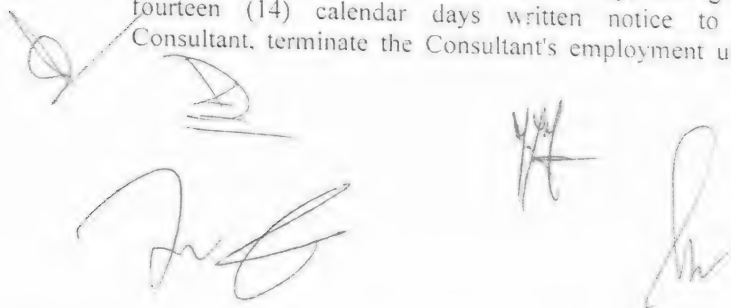
19.1. This Contract may be terminated by either Party as per provisions set up below:

### a. By the Client

19.1.1. The Client may terminate this Contract in case of the occurrence of any of the events specified in paragraphs (a) through (f) of this Clause. In such an occurrence the Client shall give at least thirty (30) calendar days' written notice of termination to the Consultant in case of the events referred to in (a) through (d); at least sixty (60) calendar days' written notice in case of the event referred to in (e); and at least five (5) calendar days' written notice in case of the event referred to in (f):

- (a) If the Consultant fails to remedy a failure in the performance of its obligations hereunder, as specified in a notice of suspension pursuant to Clause GCC 18;
- (b) If the Consultant becomes (or, if the Consultant consists of more than one entity, if any of its members becomes) insolvent or bankrupt or enter into any agreements with their creditors for relief of debt or take advantage of any law for the benefit of debtors or go into liquidation or receivership whether compulsory or voluntary;
- (c) If the Consultant fails to comply with any final decision reached as a result of arbitration proceedings pursuant to Clause GCC 46.1;
- (d) If, as the result of Force Majeure, the Consultant is unable to perform a material portion of the Services for a period of not less than sixty (60) calendar days;
- (e) If the Client, in its sole discretion and for any reason whatsoever, decides to terminate this Contract;
- (f) If the Consultant fails to confirm availability of Key Experts as required in Clause GCC 13.

19.1.2. Furthermore, if the Client determines that the Consultant has engaged in Fraud and Corruption in competing for or in executing the Contract, then the Client may, after giving fourteen (14) calendar days written notice to the Consultant, terminate the Consultant's employment under



the Contract.

**b. By the Consultant**

19.1.3. The Consultant may terminate this Contract, by not less than thirty (30) calendar days' written notice to the Client, in case of the occurrence of any of the events specified in paragraphs (a) through (d) of this Clause.

- (a) If the Client fails to pay any money due to the Consultant pursuant to this Contract and not subject to dispute pursuant to Clause GCC 45.1 within forty-five (45) calendar days after receiving written notice from the Consultant that such payment is overdue.
- (b) If, as the result of Force Majeure, the Consultant is unable to perform a material portion of the Services for a period of not less than sixty (60) calendar days.
- (c) If the Client fails to comply with any final decision reached as a result of arbitration pursuant to Clause GCC 46.1.
- (d) If the Client is in material breach of its obligations pursuant to this Contract and has not remedied the same within forty-five (45) days (or such longer period as the Consultant may have subsequently approved in writing) following the receipt by the Client of the Consultant's notice specifying such breach.

**c. Cessation of Rights and Obligations**

19.1.4. Upon termination of this Contract pursuant to Clauses GCC 12 or GCC 19 hereof, or upon expiration of this Contract pursuant to Clause GCC 14, all rights and obligations of the Parties hereunder shall cease, except (i) such rights and obligations as may have accrued on the date of termination or expiration, (ii) the obligation of confidentiality set forth in Clause GCC 22, (iii) the Consultant's obligation to permit inspection, copying and auditing of their accounts and records set forth in Clause GCC 25 and to cooperate and assist in any inspection or investigation, and (iv) any right which a Party may have under the Applicable Law.

**d. Cessation of Services**

19.1.5. Upon termination of this Contract by notice of either Party to the other pursuant to Clauses GCC 19a or GCC 19b, the Consultant shall, immediately upon dispatch or receipt of such notice, take all necessary steps to bring the Services to a close in a prompt and orderly manner and shall make every reasonable effort to keep expenditures for this purpose to a minimum. With respect to documents prepared by the Consultant and equipment and materials

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furnished by the Client, the Consultant shall proceed as provided, respectively, by Clauses GCC 27 or GCC 28.

**e. Payment upon Termination**

19.1.6. Upon termination of this Contract, the Client shall make the following payments to the Consultant:

- (a) payment for Services satisfactorily performed prior to the effective date of termination; and
- (b) in the case of termination pursuant to paragraphs (d) and (e) of Clause GCC 19.1.1, reimbursement of any reasonable cost incidental to the prompt and orderly termination of this Contract, including the cost of the return travel of the Experts.

### **C. OBLIGATIONS OF THE CONSULTANT**

#### **20. General**

**a. Standard of Performance**

20.1. The Consultant shall perform the Services and carry out the Services with all due diligence, efficiency and economy, in accordance with generally accepted professional standards and practices, and shall observe sound management practices, and employ appropriate technology and safe and effective equipment, machinery, materials and methods. The Consultant shall always act, in respect of any matter relating to this Contract or to the Services, as a faithful adviser to the Client, and shall at all times support and safeguard the Client's legitimate interests in any dealings with the third parties.

20.2. The Consultant shall employ and provide such qualified and experienced Experts and Sub-consultants as are required to carry out the Services.

20.3. The Consultant may subcontract part of the Services to an extent and with such Key Experts and Sub-consultants as may be approved in advance by the Client. Notwithstanding such approval, the Consultant shall retain full responsibility for the Services.

**b. Law Applicable to Services**

20.4. The Consultant shall perform the Services in accordance with the Contract and the Applicable Law and shall take all practicable steps to ensure that any of its Experts and Sub-consultants, comply with the Applicable Law.

20.5. Throughout the execution of the Contract, the Consultant shall comply with the import of goods and services prohibitions in the Client's country when

- (a) as a matter of law or official regulations, the

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Borrower's country prohibits commercial relations with that country; or

- (b) by an act of compliance with a decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations, the Borrower's Country prohibits any import of goods from that country or any payments to any country, person, or entity in that country.

20.6. The Client shall notify the Consultant in writing of relevant local customs, and the Consultant shall, after such notification, respect such customs.

## 21. Conflict of Interest

21.1. The Consultant shall hold the Client's interests paramount, without any consideration for future work, and strictly avoid conflict with other assignments or their own corporate interests.

### a. Consultant Not to Benefit from Commissions, Discounts, etc.

21.1.1 The payment of the Consultant pursuant to GCC F (Clauses GCC 39 through 43) shall constitute the Consultant's only payment in connection with this Contract and, subject to Clause GCC 21.1.3, the Consultant shall not accept for its own benefit any trade commission, discount or similar payment in connection with activities pursuant to this Contract or in the discharge of its obligations hereunder, and the Consultant shall use its best efforts to ensure that any Sub-consultants, as well as the Experts and agents of either of them, similarly shall not receive any such additional payment.

21.1.2 Furthermore, if the Consultant, as part of the Services, has the responsibility of advising the Client on the procurement of goods, works or services, the Consultant shall comply with the Bank's Applicable Regulations, and shall at all times exercise such responsibility in the best interest of the Client. Any discounts or commissions obtained by the Consultant in the exercise of such procurement responsibility shall be for the account of the Client.

### b. Consultant and Affiliates Not to Engage in Certain Activities

21.1.3 The Consultant agrees that, during the term of this Contract and after its termination, the Consultant and any entity affiliated with the Consultant, as well as any Sub-consultants and any entity affiliated with such Sub-consultants, shall be disqualified from providing goods, works or non-consulting services resulting from or directly related to the Consultant's Services for the preparation or implementation of the project.

### c. Prohibition of

21.1.4 The Consultant shall not engage, and shall cause its Experts

- Conflicting Activities** as well as its Sub-consultants not to engage, either directly or indirectly, in any business or professional activities that would conflict with the activities assigned to them under this Contract.
- d. **Strict Duty to Disclose Conflicting Activities** 21.1.5 The Consultant has an obligation and shall ensure that its Experts and Sub-consultants shall have an obligation to disclose any situation of actual or potential conflict that impacts their capacity to serve the best interest of their Client, or that may reasonably be perceived as having this effect. Failure to disclose said situations may lead to the disqualification of the Consultant or the termination of its Contract.
- 22. Confidentiality** 22.1. Except with the prior written consent of the Client, the Consultant and the Experts shall not at any time communicate to any person or entity any confidential information acquired in the course of the Services, nor shall the Consultant and the Experts make public the recommendations formulated in the course of, or as a result of, the Services.
- 23. Liability of the Consultant** 23.1. Subject to additional provisions, if any, set forth in the SCC, the Consultant's liability under this Contract shall be provided by the Applicable Law.
- 24. Insurance to be taken out by the Consultant** 24.1. The Consultant (i) shall take out and maintain, and shall cause any Sub-consultants to take out and maintain, at its (or the Sub-consultants', as the case may be) own cost but on terms and conditions approved by the Client, insurance against the risks, and for the coverage specified in the SCC, and (ii) at the Client's request, shall provide evidence to the Client showing that such insurance has been taken out and maintained and that the current premiums therefore have been paid. The Consultant shall ensure that such insurance is in place prior to commencing the Services as stated in Clause GCC 13.
- 25. Accounting, Inspection and Auditing** 25.1. The Consultant shall keep, and shall make all reasonable efforts to cause its Sub-consultants to keep, accurate and systematic accounts and records in respect of the Services and in such form and detail as will clearly identify relevant time changes and costs.
- 25.2. Pursuant to paragraph 2.2 e. of Attachment 1 to the General Conditions, the Consultant shall permit and shall cause its agents (where declared or not), subcontractors, subconsultants, service providers, suppliers, and personnel, to permit, the Bank and/or persons appointed by the Bank to inspect the site and/or the accounts, records and other documents relating to the procurement process, selection and/or contract execution, and to have such

accounts, records and other documents audited by auditors appointed by the Bank. The Consultant's and its Subcontractors' and subconsultants' attention is drawn to Sub-Clause 10.1 (Fraud and Corruption) which provides, inter alia, that acts intended to materially impede the exercise of the Bank's inspection and audit rights constitute a prohibited practice subject to contract termination (as well as to a determination of ineligibility pursuant to the Bank's prevailing sanctions procedures).

**26. Reporting  
Obligations**

26.1. The Consultant shall submit to the Client the reports and documents specified in **Appendix A**, in the form, in the numbers and within the time periods set forth in the said Appendix.

**27. Proprietary Rights  
of the Client in  
Reports and  
Records**

27.1. Unless otherwise indicated in the **SCC**, all reports and relevant data and information such as maps, diagrams, plans, databases, other documents and software, supporting records or material compiled or prepared by the Consultant for the Client in the course of the Services shall be confidential and become and remain the absolute property of the Client. The Consultant shall, not later than upon termination or expiration of this Contract, deliver all such documents to the Client, together with a detailed inventory thereof. The Consultant may retain a copy of such documents, data and/or software but shall not use the same for purposes unrelated to this Contract without prior written approval of the Client.

27.2. If license agreements are necessary or appropriate between the Consultant and third parties for purposes of development of the plans, drawings, specifications, designs, databases, other documents and software, the Consultant shall obtain the Client's prior written approval to such agreements, and the Client shall be entitled at its discretion to require recovering the expenses related to the development of the program(s) concerned. Other restrictions about the future use of these documents and software, if any, shall be specified in the **SCC**.

**28. Equipment,  
Vehicles and  
Materials**

28.1. Equipment, vehicles and materials made available to the Consultant by the Client, or purchased by the Consultant wholly or partly with funds provided by the Client, shall be the property of the Client and shall be marked accordingly. Upon termination or expiration of this Contract, the Consultant shall make available to the Client an inventory of such equipment, vehicles and materials and shall dispose of such equipment, vehicles and materials in accordance with the Client's instructions. While in possession of such equipment, vehicles and materials, the Consultant, unless otherwise instructed by the Client in writing, shall insure them at the expense of the Client in an amount equal to their full replacement value.





28.2. Any equipment or materials brought by the Consultant or its Experts into the Client's country for the use either for the project or personal use shall remain the property of the Consultant or the Experts concerned, as applicable.

#### 29. Code of Conduct

29.1. If specified in the SCC, the Consultant shall have a Code of Conduct for Experts (ES).

The Consultant shall take all necessary measures to ensure that each Expert is made aware of the Code of Conduct including specific behaviors that are prohibited, and understands the consequences of engaging in such prohibited behaviors.

These measures include providing instructions and documentation that can be understood by the Experts and seeking to obtain that person's signature acknowledging receipt of such instructions and/or documentation, as appropriate.

The Consultant shall also ensure that the Code of Conduct is visibly displayed in locations where the Services are provided, including if applicable, on the Site, as well as in areas outside the Site accessible to the local community and project affected people. The posted Code of Conduct shall be provided in languages comprehensible to Experts, Contractor's Personnel, Client's Personnel and the local community if applicable.

### D. CONSULTANT'S EXPERTS AND SUB-CONSULTANTS

#### 30. Description of Key Experts

30.1. The title, agreed job description, minimum qualification and estimated period of engagement to carry out the Services of each of the Consultant's Key Experts are described in **Appendix B**.

#### 31. Replacement of Key Experts

31.1. Except as the Client may otherwise agree in writing, no changes shall be made in the Key Experts.

31.2. Notwithstanding the above, the substitution of Key Experts during Contract execution may be considered only based on the Consultant's written request and due to circumstances outside the reasonable control of the Consultant, including but not limited to death or medical incapacity. In such case, the Consultant shall forthwith provide as a replacement, a person of equivalent or better qualifications and experience, and at the same rate of remuneration.

#### 32. Removal of Experts or Sub-consultants

If the Client finds that any of the Experts or Sub-consultant has committed serious misconduct or has been charged with having committed a criminal action, or if the Client determines that a Consultant's Expert or Sub-consultant has engaged in Fraud and Corruption while performing the Services, the Consultant shall, at

the Client's written request, provide a replacement.

In the event that any of Key Experts, Non-Key Experts or Sub-consultants is found by the Client to be incompetent or incapable in discharging assigned duties, the Client, specifying the grounds therefore, may request the Consultant to provide a replacement.

Any replacement of the removed Experts or Sub-consultants shall possess better qualifications and experience and shall be acceptable to the Client.

32.4. The Consultant shall bear all costs arising out of or incidental to any removal and/or replacement of such Experts.

#### **E. OBLIGATIONS OF THE CLIENT**

##### **33. Assistance and Exemptions**

33.1. Unless otherwise specified in the SCC, the Client shall use its best efforts to:

- (a) Assist the Consultant with obtaining work permits and such other documents as shall be necessary to enable the Consultant to perform the Services.
- (b) Assist the Consultant with promptly obtaining, for the Experts and, if appropriate, their eligible dependents, all necessary entry and exit visas, residence permits, exchange permits and any other documents required for their stay in the Client's country while carrying out the Services under the Contract.
- (c) Facilitate prompt clearance through customs of any property required for the Services and of the personal effects of the Experts and their eligible dependents.
- (d) Issue to officials, agents and representatives of the Government all such instructions and information as may be necessary or appropriate for the prompt and effective implementation of the Services.
- (e) Assist the Consultant and the Experts and any Sub-consultants employed by the Consultant for the Services with obtaining exemption from any requirement to register or obtain any permit to practice their profession or to establish themselves either individually or as a corporate entity in the Client's country according to the applicable law in the Client's country.
- (f) Assist the Consultant, any Sub-consultants and the Experts of either of them with obtaining the privilege, pursuant to the applicable law in the Client's country,

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of bringing into the Client's country reasonable amounts of foreign currency for the purposes of the Services or for the personal use of the Experts and of withdrawing any such amounts as may be earned therein by the Experts in the execution of the Services.

- (g) Provide to the Consultant any such other assistance as may be specified in the SCC.

**34. Access to Project Site**

34.1. The Client warrants that the Consultant shall have, free of charge, unimpeded access to the project site in respect of which access is required for the performance of the Services. The Client will be responsible for any damage to the project site or any property thereon resulting from such access and will indemnify the Consultant and each of the experts in respect of liability for any such damage, unless such damage is caused by the willful default or negligence of the Consultant or any Sub-consultants or the Experts of either of them.

**35. Change in the Applicable Law Related to Taxes and Duties**

35.1. If, after the date of this Contract, there is any change in the applicable law in the Client's country with respect to taxes and duties which increases or decreases the cost incurred by the Consultant in performing the Services, then the remuneration and reimbursable expenses otherwise payable to the Consultant under this Contract shall be increased or decreased accordingly by agreement between the Parties hereto, and corresponding adjustments shall be made to the Contract price amount specified in Clause GCC 39.1

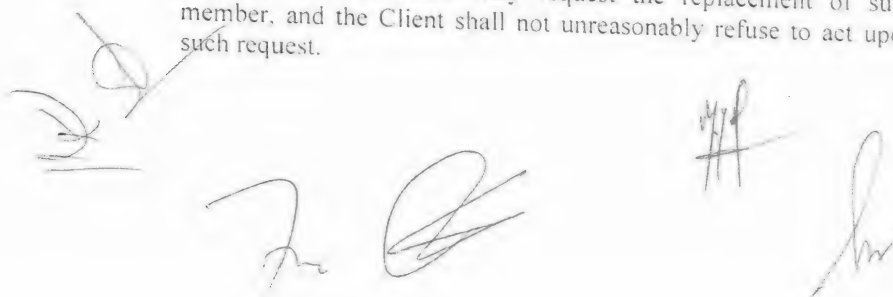
**36. Services, Facilities and Property of the Client**

36.1. The Client shall make available to the Consultant and the Experts, for the purposes of the Services and free of any charge, the services, facilities and property described in the Terms of Reference (**Appendix A**) at the times and in the manner specified in said **Appendix A**.

**37. Counterpart Personnel**

37.1. The Client shall make available to the Consultant free of charge such professional and support counterpart personnel, to be nominated by the Client with the Consultant's advice, if specified in **Appendix A**.

37.2. Professional and support counterpart personnel, excluding Client's liaison personnel, shall work under the exclusive direction of the Consultant. If any member of the counterpart personnel fails to perform adequately any work assigned to such member by the Consultant that is consistent with the position occupied by such member, the Consultant may request the replacement of such member, and the Client shall not unreasonably refuse to act upon such request.

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**38. Payment  
Obligation**

38.1. In consideration of the Services performed by the Consultant under this Contract, the Client shall make such payments to the Consultant for the deliverables specified in **Appendix A** and in such manner as is provided by GCC F below.

**F. PAYMENTS TO THE CONSULTANT**

**39. Contract Price**

39.1. The Contract price is fixed and is set forth in the **SCC**. The Contract price breakdown is provided in **Appendix C**.

39.2. Any change to the Contract price specified in Clause GCC 39.1 can be made only if the Parties have agreed to the revised scope of Services pursuant to Clause GCC 16 and have amended in writing the Terms of Reference in **Appendix A**.

**40. Taxes and Duties**

40.1. The Consultant, Sub-consultants and Experts are responsible for meeting any and all tax liabilities arising out of the Contract unless it is stated otherwise in the **SCC**.

40.2. As an exception to the above and as stated in the **SCC**, all local identifiable indirect taxes (itemized and finalized at Contract negotiations) are reimbursed to the Consultant or are paid by the Client on behalf of the Consultant.

**41. Currency of  
Payment**

41.1. Any payment under this Contract shall be made in the currency (ies) of the Contract.

**42. Mode of Billing and  
Payment**

42.1. The total payments under this Contract shall not exceed the Contract price set forth in Clause GCC 39.1.

42.2. The payments under this Contract shall be made in lump-sum instalments against deliverables specified in **Appendix A**. The payments will be made according to the payment schedule stated in the **SCC**.

42.2.1 Advance payment: Unless otherwise indicated in the **SCC**, an advance payment shall be made against an advance payment bank guarantee acceptable to the Client in an amount (or amounts) and in a currency (or currencies) specified in the **SCC**. Such guarantee (i) is to remain effective until the advance payment has been fully set off, and (ii) is to be in the form set forth in **Appendix D**, or in such other form as the Client shall have approved in writing. The advance payments will be set off by the Client in equal portions against the lump-sum installments specified in the **SCC** until said advance payments have been fully set off.

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42.2.2 The Lump-Sum Installment Payments. The Client shall pay the Consultant within sixty (60) days after the receipt by the Client of the deliverable(s) and the cover invoice for the related lump-sum installment payment. The payment can be withheld if the Client does not approve the submitted deliverable(s) as satisfactory in which case the Client shall provide comments to the Consultant within the same sixty (60) days period. The Consultant shall thereupon promptly make any necessary corrections, and thereafter the foregoing process shall be repeated.

42.2.3 The Final Payment. The final payment under this Clause shall be made only after the final report have been submitted by the Consultant and approved as satisfactory by the Client. The Services shall then be deemed completed and finally accepted by the Client. The last lump-sum installment shall be deemed approved for payment by the Client within ninety (90) calendar days after receipt of the final report by the Client unless the Client, within such ninety (90) calendar day period, gives written notice to the Consultant specifying in detail deficiencies in the Services, the final report. The Consultant shall thereupon promptly make any necessary corrections, and thereafter the foregoing process shall be repeated.

42.2.4 All payments under this Contract shall be made to the accounts of the Consultant specified in the SCC.

42.2.5 With the exception of the final payment under 42.2.3 above, payments do not constitute acceptance of the whole Services nor relieve the Consultant of any obligations hereunder.

#### 43. Interest on Delayed Payments

43.1. If the Client had delayed payments beyond fifteen (15) days after the due date stated in Clause GCC 42.2.2, interest shall be paid to the Consultant on any amount due by, not paid on, such due date for each day of delay at the annual rate stated in the SCC.

### G. FAIRNESS AND GOOD FAITH

#### 44. Good Faith

44.1. The Parties undertake to act in good faith with respect to each other's rights under this Contract and to adopt all reasonable measures to ensure the realization of the objectives of this Contract.

### H. SETTLEMENT OF DISPUTES

#### 45. Amicable

45.1. The Parties shall seek to resolve any dispute amicably by

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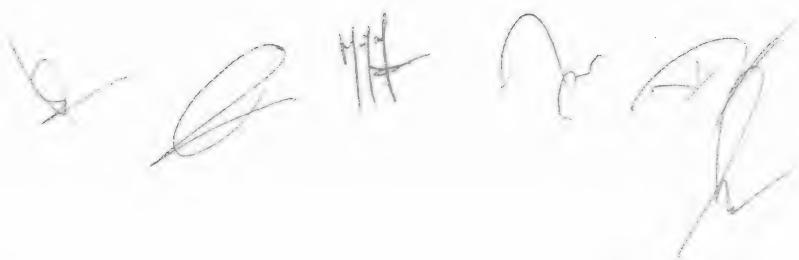
**Settlement**

mutual consultation.

45.2. If either Party objects to any action or inaction of the other Party, the objecting Party may file a written Notice of Dispute to the other Party providing in detail the basis of the dispute. The Party receiving the Notice of Dispute will consider it and respond in writing within fourteen (14) days after receipt. If that Party fails to respond within fourteen (14) days, or the dispute cannot be amicably settled within fourteen (14) days following the response of that Party, Clause GCC 46.1 shall apply.

**46. Dispute Resolution**

46.1. Any dispute between the Parties arising under or related to this Contract that cannot be settled amicably may be referred to by either Party to the adjudication/arbitration in accordance with the provisions specified in the SCC.

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**II. General Conditions**  
**Attachment 1**  
**Fraud and Corruption**  
*(Text in this Attachment shall not be modified)*

**1. Purpose**

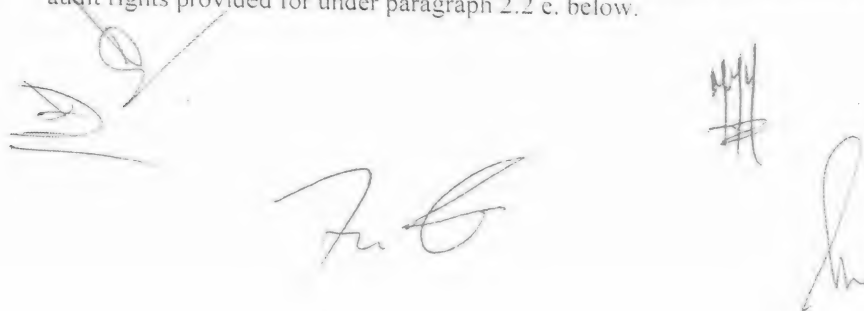
- 1.1 The Bank's Anti-Corruption Guidelines and this annex apply with respect to procurement under Bank Investment Project Financing operations.

**2. Requirements**

- 2.1 The Bank requires that Borrowers (including beneficiaries of Bank financing); bidders (applicants/proposers), consultants, contractors and suppliers; any sub-contractors, sub-consultants, service providers or suppliers; any agents (whether declared or not); and any of their personnel, observe the highest standard of ethics during the procurement process, selection and contract execution of Bank-financed contracts, and refrain from Fraud and Corruption.

- 2.2 To this end, the Bank:

- a. Defines, for the purposes of this provision, the terms set forth below as follows:
- i. "corrupt practice" is the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence improperly the actions of another party;
  - ii. "fraudulent practice" is any act or omission, including misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain financial or other benefit or to avoid an obligation;
  - iii. "collusive practice" is an arrangement between two or more parties designed to achieve an improper purpose, including to influence improperly the actions of another party;
  - iv. "coercive practice" is impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party;
  - v. "obstructive practice" is:
    - (a) deliberately destroying, falsifying, altering, or concealing of evidence material to the investigation or making false statements to investigators in order to materially impede a Bank investigation into allegations of a corrupt, fraudulent, coercive, or collusive practice; and/or threatening, harassing, or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation; or
    - (b) acts intended to materially impede the exercise of the Bank's inspection and audit rights provided for under paragraph 2.2 c. below.

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- b. Rejects a proposal for award if the Bank determines that the firm or individual recommended for award, any of its personnel, or its agents, or its sub-consultants, sub-contractors, service providers, suppliers and/ or their employees, has, directly or indirectly, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices in competing for the contract in question;
- c. In addition to the legal remedies set out in the relevant Legal Agreement, may take other appropriate actions, including declaring misprocurement, if the Bank determines at any time that representatives of the Borrower or of a recipient of any part of the proceeds of the loan engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices during the procurement process, selection and/or execution of the contract in question, without the Borrower having taken timely and appropriate action satisfactory to the Bank to address such practices when they occur, including by failing to inform the Bank in a timely manner at the time they knew of the practices;
- d. Pursuant to the Bank's Anti- Corruption Guidelines and in accordance with the Bank's prevailing sanctions policies and procedures, may sanction a firm or individual, either indefinitely or for a stated period of time, including by publicly declaring such firm or individual ineligible (i) to be awarded or otherwise benefit from a Bank-financed contract, financially or in any other manner;<sup>1</sup> (ii) to be a nominated<sup>2</sup> sub-contractor, consultant, manufacturer or supplier, or service provider of an otherwise eligible firm being awarded a Bank-financed contract; and (iii) to receive the proceeds of any loan made by the Bank or otherwise to participate further in the preparation or implementation of any Bank-financed project;
- e. Requires that a clause be included in bidding/request for proposals documents and in contracts financed by a Bank loan, requiring (i) bidders (applicants/proposers), consultants, contractors, and suppliers, and their sub-contractors, sub-consultants, service providers, suppliers, agents personnel, permit the Bank to inspect<sup>3</sup> all accounts, records and other documents relating to the procurement process, selection and/or contract execution, and to have them audited by auditors appointed by the Bank.

<sup>1</sup> For the avoidance of doubt, a sanctioned party's ineligibility to be awarded a contract shall include, without limitation (i) applying for pre-qualification, expressing interest in a consultancy, and bidding, either directly or as a nominated sub-contractor, nominated consultant, nominated manufacturer or supplier, or nominated service provider, in respect of such contract, and (ii) entering into an addendum or amendment introducing a material modification to any existing contract.

<sup>2</sup> A nominated sub-contractor, nominated consultant, nominated manufacturer or supplier, or nominated service provider (different names are used depending on the particular bidding document) is one which has been (i) included by the bidder in its pre-qualification application or bid because it brings specific and critical experience and know-how that allow the bidder to meet the qualification requirements for the particular bid; or (ii) appointed by the Borrower.

<sup>3</sup> Inspections in this context usually are investigative (i.e., forensic) in nature. They involve fact-finding activities undertaken by the Bank or persons appointed by the Bank to address specific matters related to investigations/audits, such as evaluating the veracity of an allegation of possible Fraud and Corruption, through the appropriate mechanisms. Such activity includes but is not limited to: accessing and examining a firm's or individual's financial records and information, and making copies thereof as relevant; accessing and examining any other documents, data and information (whether in hard copy or electronic format) deemed relevant for the investigation/audit, and making copies thereof as relevant; interviewing staff and other relevant individuals, performing physical inspections and site visits, and obtaining third party verification of information.



### III. Special Conditions of Contract (Phase 1)

*[Notes in brackets are for guidance purposes only and should be deleted in the final text of the signed contract]*

Number of GC Clause	Amendments of, and Supplements to, Clauses in the General Conditions of Contract
1.1(a)	The Contract shall be construed in accordance with the law of Islamic Republic of Pakistan.
4.1	The language is: English
6.1 and 6.2	<p>The addresses are <i>[fill in at negotiations with the selected firm]</i>;</p> <p>Client: Sindh Mass Transit Authority  Transport &amp; Mass Transit Department, Government of Sindh  Attention: Project Director (Karachi Mobility Project)  E-mail: <a href="mailto:kmf.infra.smta@gmail.com">kmf.infra.smta@gmail.com</a> <a href="mailto:pd.kmf.vlc@gmail.com">pd.kmf.vlc@gmail.com</a></p> <p>Consultant : _____</p> <p>Attention : _____</p> <p>Facsimile : _____</p> <p>E-mail (where permitted) : _____</p>
8.1	<p><i>[If the Consultant consists only of one entity, state "N/A";</i>  OR  <i>If the Consultant is a Joint Venture consisting of more than one entity, the name of the JV member whose address is specified in Clause SCC6.1 should be inserted here. ]</i></p> <p>The Lead Member on behalf of the JV is _____  _____ <i>[insert name of the member]</i></p>
9.1	<p>The Authorized Representatives are:</p> <p>For the Client: Project Director (Karachi Mobility Project)</p> <p>For the Consultant: <i>[name, title]</i> _____</p>
11.1	<p>The effectiveness conditions are the following:</p> <p>Signature of the contract by both parties.</p>
12.1	<p>Termination of Contract for Failure to Become Effective:</p> <p>The time period shall be six (06) months.</p>

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13.1	<p>Commencement of Services: For Phase 1 (Detailed Design &amp; Procurement Support)</p> <p>The number of days shall be <u>15 days</u> after the Contract effectiveness.</p> <p>Confirmation of Key Experts' availability to start the Assignment shall be submitted to the Client in writing as a written statement signed by each Key Expert.</p>
14.1	<p>Expiration of Contract:</p> <p>The time period shall be <u>12 months</u></p>
21 b.	<p>The Client reserves the right to determine on a case-by-case basis whether the Consultant should be disqualified from providing goods, works or non-consulting services due to a conflict of a nature described in Clause GCC 21.1.3</p> <p>Yes</p>

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23.1

0.5% of the respective deliverable cost to be applied after two weeks of delay in submission deadline of that deliverable; and then 0.5% for every additional week of delay; as a penalty from the Client.

The following limitation of the Consultant's Liability towards the Client can be subject to the Contract's negotiations:

"Limitation of the Consultant's Liability towards the Client:

- (a) Except in the case of gross negligence or willful misconduct on the part of the Consultant or on the part of any person or a firm acting on behalf of the Consultant in carrying out the Services, the Consultant, with respect to damage caused by the Consultant to the Client's property, shall not be liable to the Client:
  - (i) for any indirect or consequential loss or damage; and
  - (ii) for any direct loss or damage that exceeds 1.5 times the total value of the Contract;
- (b) This limitation of liability shall *not*
  - (i) affect the Consultant's liability, if any, for damage to Third Parties caused by the Consultant or any person or firm acting on behalf of the Consultant in carrying out the Services;
  - (ii) be construed as providing the Consultant with any limitation or exclusion from liability which is prohibited by the "Applicable Law"

*[Notes to the Client and the Consultant: Any suggestions made by the Consultant in the Proposal to introduce exclusions/limitations of the Consultant's liability under the Contract should be carefully scrutinized by the Client and discussed with the Bank prior to accepting any changes to what was included in the issued RFP. In this regard, the Parties should be aware of the Bank's policy on this matter which is as follows:*

*To be acceptable to the Bank, any limitation of the Consultant's liability should at the very least be reasonably related to (a) the damage the Consultant might potentially cause to the Client, and (b) the Consultant's ability to pay compensation using its own assets and reasonably obtainable insurance coverage. The Consultant's liability shall not be limited to less than a multiplier of the total payments to the Consultant under the Contract for remuneration and reimbursable expenses. A statement to the effect that the Consultant is liable only for the re-performance of faulty Services is not acceptable to the*

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	<p><i>Bank. Also, the Consultant's liability should never be limited for loss or damage caused by the Consultant's gross negligence or willful misconduct.</i></p> <p><i>The Bank does not accept a provision to the effect that the Client shall indemnify and hold harmless the Consultant against Third Party claims, except, of course, if a claim is based on loss or damage caused by a default or wrongful act of the Client to the extent permissible by the law applicable in the Client's country.]</i></p>
24.1	<p><b>The insurance coverage against the risks shall be as follows:</b></p> <p>(a) Professional liability insurance, with a minimum coverage of the 1.5 times of the value of the contract and claimable in Islamic Republic of Pakistan.</p> <p>(b) Third Party motor vehicle liability insurance in respect of motor vehicles operated in the Client's country by the Consultant or its Experts or Sub-consultants, with a minimum coverage of USD 100,000;</p> <p>(c) Third Party liability insurance, with a minimum coverage of USD 100,000;</p> <p>(d) Employer's Liability and workers' compensation insurance in respect of the experts and Sub-consultants in accordance with the relevant provisions of the applicable law in the Client's country, as well as, with respect to such Experts, any such life, health, accident, travel or other insurance as may be appropriate; and</p> <p>(e) Insurance against loss of or damage to (i) equipment purchased in whole or in part with funds provided under this Contract, (ii) the Consultant's property used in the performance of the Services, and (iii) any documents prepared by the Consultant in the performance of the Services.</p> <p><u>Copy of the above insurance policy shall be presented to the Client within 30 days after the Effective Date of this Contract.</u></p>
27.2	<p>The Consultant shall not use these documents for purposes unrelated to this Contract without the prior written approval of the Client.</p>
29. Code of Conduct	<p>The Consultant is required to have a Code of Conduct for Experts (ES).</p>

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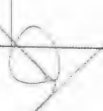






32. Removal of Experts or Sub-consultants	<p>Insert the following as Sub-Paragraph 32.3 and renumber original Sub-Paragraphs 32.3 and 32.4 as 32.4 and 32.5 respectively.</p> <p>"32.3 Experts or Subconsultants who are found to be in breach of the Consultant's Code of Conduct (ES) (including on sexual harassment, sexual exploitation and sexual abuse) shall be replaced by the Consultant, or at the Client's written request."</p>
39.1	<p><b>The Contract price is:</b> _____ <i>[insert amount and currency for each currency as applicable]</i> <b>exclusive of local indirect taxes.</b></p> <p>Any indirect local taxes chargeable in respect of this Contract for the Services provided by the Consultant shall "be paid" by the Consultant.</p> <p><b>The amount of such taxes is</b> _____  <i>[insert the amount as finalized at the Contract's negotiations on the basis of the estimates provided by the Consultant in Form FIN-2 of the Consultant's Financial Proposal]</i></p>
40.1 and 40.2	<p>"the Consultant, Sub-consultants and the Experts shall pay any direct &amp; indirect taxes, duties, fees, levies and other impositions imposed, under the applicable law in the Client's country, on the Consultant, the Sub-consultants and the Experts in respect of:</p> <ul style="list-style-type: none"> <li>(a) any payments whatsoever made to the Consultant, Sub-consultants and the Experts, in connection with the carrying out of the Services;</li> <li>(b) any equipment, materials and supplies brought into the Client's country by the Consultant or Sub-consultants for the purpose of carrying out the Services and which, after having been brought into such territories, will be subsequently withdrawn by them;</li> <li>(c) any equipment imported for the purpose of carrying out the Services and paid for out of funds provided by the Client and which is treated as property of the Client;</li> <li>(d) any property brought into the Client's country by the Consultant, any Sub-consultants or the Experts, or the eligible dependents of such experts for their personal use and which will subsequently be withdrawn by them upon their respective departure from the Client's country, provided that: <ul style="list-style-type: none"> <li>(ii) the Consultant, Sub-consultants and experts shall follow the usual customs procedures of the Client's country in importing property into the Client's country; and</li> </ul> </li> </ul>

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	<p>if the Consultant, Sub-consultants or Experts do not withdraw but dispose of any property in the Client's country upon which customs duties and taxes have been exempted, the Consultant, Sub-consultants or Experts, as the case may be, (a) shall bear such customs duties and taxes in conformity with the regulations of the Client's country, or (b) shall reimburse them to the Client if they were paid by the Client at the time the property in question was brought into the Client's country.</p>
42.2	<p><b>The payment schedule:</b></p> <p><i>[Payment of installments shall be linked to the deliverables specified in the Terms of Reference in Appendix A]</i></p> <ul style="list-style-type: none"> <li>- 10% of the <i>Phase 1</i> amount upon acceptance of the <u>Final Inception Report</u>;</li> <li>- 25% of the <i>Phase 1</i> amount upon acceptance of the <u>Interim Report – Supporting Studies and Analysis</u>;</li> <li>- 35% of the <i>Phase 1</i> amount upon acceptance of the whole set of Detailed Designs;</li> <li>- 20% of the <i>Phase 1</i> amount upon acceptance of the whole set of bidding documents;</li> <li>- 10% of the <i>Phase 1</i> amount upon acceptance of the Detailed Design Review Report for Package 4.</li> </ul> <p><i>[Total sum of all installments shall not exceed the Contract price set up in SCC 39.1.]</i></p>
42.2.1	<p>The following provisions shall apply to the advance payment and the advance bank payment guarantee:</p> <ol style="list-style-type: none"> <li>(1) An advance payment of 5% of the <b>Phase 1</b> contract value shall be made within 30 days, of the start of Phase 1, against a Bank guarantee acceptable to the Client. The advance payment will be set off by the Client in equal installments of 5% against the invoices submitted for the <b>Phase 1</b> of the Services until the advance payment has been fully set off.</li> <li>(2) The advance bank payment guarantee shall be in <u>the amount and in the currency of the currency(ies)</u> of the advance payment.</li> </ol>
42.2.4	<p><b>The accounts are:</b></p> <p>for foreign currency: <i>[insert account]</i>.</p> <p>for local currency: <i>[insert account]</i>.</p>

43.1	The interest rate is: 1% annual rate
46.1	<p>Disputes shall be settled by arbitration in accordance with the following provisions:</p> <ol style="list-style-type: none"> <li>1. <u>Selection of Arbitrators.</u> Each dispute submitted by a Party to arbitration shall be heard by a sole arbitrator or an arbitration panel composed of three (3) arbitrators, in accordance with the following provisions:               <ol style="list-style-type: none"> <li>(a) Where the Parties agree that the dispute concerns a technical matter, they may agree to appoint a sole arbitrator or, failing agreement on the identity of such sole arbitrator within thirty (30) days after receipt by the other Party of the proposal of a name for such an appointment by the Party who initiated the proceedings, either Party may apply to <i>[name an appropriate international professional body, e.g., the Federation Internationale des Ingenieurs-Conseil (FIDIC) of Lausanne, Switzerland]</i> for a list of not fewer than five (5) nominees and, on receipt of such list, the Parties shall alternately strike names therefrom, and the last remaining nominee on the list shall be the sole arbitrator for the matter in dispute. If the last remaining nominee has not been determined in this manner within sixty (60) days of the date of the list, <i>[insert the name of the same professional body as above]</i> shall appoint, upon the request of either Party and from such list or otherwise, a sole arbitrator for the matter in dispute.</li> <li>(b) Where the Parties do not agree that the dispute concerns a technical matter, the Client and the Consultant shall each appoint one (1) arbitrator, and these two arbitrators shall jointly appoint a third arbitrator, who shall chair the arbitration panel. If the arbitrators named by the Parties do not succeed in appointing a third arbitrator within thirty (30) days after the latter of the two (2) arbitrators named by the Parties has been appointed, the third arbitrator shall, at the request of either Party, be appointed by <i>[name an appropriate international appointing authority, e.g., the Secretary General of the Permanent Court of Arbitration, The Hague; the Secretary General of the International Centre for Settlement of Investment Disputes, Washington, D.C.; the International Chamber of Commerce, Paris; etc.]</i>.</li> </ol> </li> </ol>

	<p>(c) If, in a dispute subject to paragraph (b) above, one Party fails to appoint its arbitrator within thirty (30) days after the other Party has appointed its arbitrator, the Party which has named an arbitrator may apply to the <i>[name the same appointing authority as in said paragraph (b)]</i> to appoint a sole arbitrator for the matter in dispute, and the arbitrator appointed pursuant to such application shall be the sole arbitrator for that dispute.</p>
	<p>2. <u>Rules of Procedure.</u> Except as otherwise stated herein, arbitration proceedings shall be conducted in accordance with the rules of procedure for arbitration of the United Nations Commission on International Trade Law (UNCITRAL) as in force on the date of this Contract.</p> <p>3. <u>Substitute Arbitrators.</u> If for any reason an arbitrator is unable to perform his/her function, a substitute shall be appointed in the same manner as the original arbitrator.</p> <p>4. <u>Nationality and Qualifications of Arbitrators.</u> The sole arbitrator or the third arbitrator appointed pursuant to paragraphs 1(a) through 1(c) above shall be an internationally recognized legal or technical expert with extensive experience in relation to the matter in dispute and shall not be a national of the Consultant's home country <i>[If the Consultant consists of more than one entity, add: or of the home country of any of their members or Parties/ or of the Government's country.</i> For the purposes of this Clause, "home country" means any of:</p> <p>(a) the country of incorporation of the Consultant <i>[If the Consultant consists of more than one entity, add: or of any of their members or Parties];</i> or</p> <p>(b) the country in which the Consultant's [or any of their members' or Parties'] principal place of business is located; or</p> <p>(c) the country of nationality of a majority of the Consultant's [or of any members' or Parties'] shareholders; or</p> <p>(d) the country of nationality of the Sub-consultants concerned, where the dispute involves a subcontract.</p>
	<p>5. <u>Miscellaneous.</u> In any arbitration proceeding hereunder:</p> <p>(a) proceedings shall, unless otherwise agreed by the Parties,</p>

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	<p>be held in <i>[select a country which is neither the Client's country nor the Consultant's country]</i>:</p> <p>(b) the <i>[type of language]</i> language shall be the official language for all purposes; and</p> <p>(c) the decision of the sole arbitrator or of a majority of the arbitrators (or of the third arbitrator if there is no such majority) shall be final and binding and shall be enforceable in any court of competent jurisdiction, and the Parties hereby waive any objections to or claims of immunity in respect of such enforcement.</p>
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*[Signature]*

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*[Signature]*

*[Signature]*

## IV. Appendices

### APPENDIX A – TERMS OF REFERENCE

*[This Appendix shall include the final Terms of Reference (TORs) worked out by the Client and the Consultant during the negotiations; dates for completion of various tasks; location of performance for different tasks; detailed reporting requirements and list of deliverables against which the payments to the Consultant will be made; Client's input, including counterpart personnel assigned by the Client to work on the Consultant's team; specific tasks or actions that require prior approval by the Client.]*

*Insert the text based on the Section 7 (Terms of Reference) of the ITC in the RFP and modified based on the Forms TECH-1 through TECH-5 of the Consultant's Proposal. Highlight the changes to Section 7 of the RFP]*

.....

### APPENDIX B - KEY EXPERTS

*[Insert a table based on Form TECH-6 of the Consultant's Technical Proposal and finalized at the Contract's negotiations. Attach the CVs (updated and signed by the respective Key Experts) demonstrating the qualifications of Key Experts.]*

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### APPENDIX C – BREAKDOWN OF CONTRACT PRICE

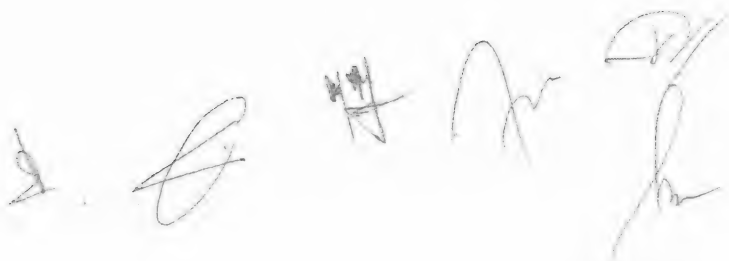
*[Insert the table with the unit rates to arrive at the breakdown of the lump-sum price. The table shall be based on [Form FIN-3 and FIN-4] of the Consultant's Proposal and reflect any changes agreed at the Contract negotiations, if any. The footnote shall list such changes made to [Form FIN-3 and FIN-4] at the negotiations or state that none has been made.]*

*When the Consultant has been selected under Quality-Based Selection method, also add the following:*

*"The agreed remuneration rates shall be stated in the attached Model Form I. This form shall be prepared on the basis of Appendix A to Form FIN-3 of the RFP "Consultants' Representations regarding Costs and Charges" submitted by the Consultant to the Client prior to the Contract's negotiations.*

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Should these representations be found by the Client (either through inspections or audits pursuant to Clause GCC 25.2 or through other means) to be materially incomplete or inaccurate, the Client shall be entitled to introduce appropriate modifications in the remuneration rates affected by such materially incomplete or inaccurate representations. Any such modification shall have retroactive effect and, in case remuneration has already been paid by the Client before any such modification, (i) the Client shall be entitled to offset any excess payment against the next monthly payment to the Consultants, or (ii) if there are no further payments to be made by the Client to the Consultants, the Consultants shall reimburse to the Client any excess payment within thirty (30) days of receipt of a written claim of the Client. Any such claim by the Client for reimbursement must be made within twelve (12) calendar months after receipt by the Client of a final report and a final statement approved by the Client in accordance with Clause GCC 42.2.3 of this Contract."/>



**Model Form I**  
**Breakdown of Agreed Fixed Rates in Consultant's Contract**

We hereby confirm that we have agreed to pay to the Experts listed, who will be involved in performing the Services, the basic fees and away from the home office allowances (if applicable) indicated below:

(Expressed in [insert name of currency])\*

Experts		1	2	3	4	5	6	7	8
Name	Position	Basic Remuneration rate per Working Month/Day/Year	Social Charges <sup>1</sup>	Overhead <sup>1</sup>	Subtotal	Profit <sup>2</sup>	Away from Home Office Allowance	Agreed Fixed Rate per Working Month/Day/Year	Agreed Fixed Rate per Working Month/Day/Year <sup>1</sup>
Home Office									
Work in the Client's Country									

1 Expressed as percentage of 1

2 Expressed as percentage of 4

\* If more than one currency, add a table

Signature

Date

Name and Title:



## APPENDIX D - FORM OF ADVANCE PAYMENTS GUARANTEE

[See Clause GCC 42.2.1 and SCC 42.2.1]

[Guarantor letterhead or SWIFT identifier code]

### Bank Guarantee for Advance Payment

**Guarantor:** \_\_\_\_\_ [insert commercial Bank's Name, and Address of Issuing Branch or Office]

**Beneficiary:** \_\_\_\_\_ [insert Name and Address of Client]

**Date:** \_\_\_\_\_ [insert date]

**ADVANCE PAYMENT GUARANTEE No.:** \_\_\_\_\_ [insert number]

We have been informed that \_\_\_\_\_ [name of Consultant or a name of the Joint Venture, same as appears on the signed Contract] (hereinafter called "the Consultant") has entered into Contract No. \_\_\_\_\_ [reference number of the contract] dated \_\_\_\_\_ [insert date] with the Beneficiary, for the provision of \_\_\_\_\_ [brief description of Services] (hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, an advance payment in the sum of \_\_\_\_\_ [insert amount in figures] (\_\_\_\_\_ [amount in words]) is to be made against an advance payment guarantee.

At the request of the Consultant, we, as Guarantor, hereby irrevocably undertake to pay the Beneficiary any sum or sums not exceeding in total an amount of \_\_\_\_\_ [amount in figures] (\_\_\_\_\_ [amount in words])<sup>1</sup> upon receipt by us of the Beneficiary's complying demand supported by the Beneficiary's a written statement, whether in the demand itself or in a separate signed document accompanying or identifying the demand, stating that the Consultant is in breach of its obligation under the Contract because the Consultant:

- (a) has failed to repay the advance payment in accordance with the Contract conditions, specifying the amount which the Consultant has failed to repay;
- (b) has used the advance payment for purposes other than toward providing the Services under the Contract.

It is a condition for any claim and payment under this guarantee to be made that the advance payment referred to above must have been received by the Consultant on their account number \_\_\_\_\_ at \_\_\_\_\_ [name and address of bank].

The maximum amount of this guarantee shall be progressively reduced by the amount of the advance payment repaid by the Consultant as indicated in certified statements or invoices

<sup>1</sup> The Guarantor shall insert an amount representing the amount of the advance payment and denominated either in the currency(ies) of the advance payment as specified in the Contract, or in a freely convertible currency acceptable to the Client.

marked as "paid" by the Client which shall be presented to us. This guarantee shall expire, at the latest, upon our receipt of the payment certificate or paid invoice indicating that the Consultant has made full repayment of the amount of the advance payment, or on the \_\_\_ day of [month] \_\_\_\_\_, [year] \_\_\_\_,<sup>2</sup> whichever is earlier. Consequently, any demand for payment under this guarantee must be received by us at this office on or before that date.

This guarantee is subject to the Uniform Rules for Demand Guarantees (URDG) 2010 revision, ICC Publication No. 758.

\_\_\_\_\_  
[signature(s)]

*{Note: All italicized text is for indicative purposes only to assist in preparing this form and shall be deleted from the final product.}*

<sup>2</sup> Insert the expected expiration date. In the event of an extension of the time for completion of the Contract, the Client would need to request an extension of this guarantee from the Guarantor. Such request must be in writing and must be made prior to the expiration date established in the guarantee. In preparing this guarantee, the Client might consider adding the following text to the form, at the end of the penultimate paragraph: "The Guarantor agrees to a one-time extension of this guarantee for a period not to exceed [six months][one year], in response to the Client's written request for such extension, such request to be presented to the Guarantor before the expiry of the guarantee."

## APPENDIX E - CODE OF CONDUCT (ES)

*[Note to Client: to be included for supervision of infrastructure contracts (such as Plant or Works) and for other consulting service where the social risks are substantial or high]*

The bottom of the page contains several handwritten signatures and initials. From left to right, there is a small circular stamp, a signature that appears to be 'G', a signature that appears to be 'H', a signature that appears to be 'N', and a signature that appears to be 'L'. There are also some other less distinct marks and initials scattered around these main signatures.

### PART III

#### Section 9. Notification of Intention to Award and Beneficial Ownership Forms





## Notification of Intention to Award

*[This Notification of Intention to Award shall be sent to each Consultant whose Financial Proposal was opened. Send this Notification to the authorized representative of the Consultant].*

For the attention of Consultant's authorized representative

Name: *[insert authorized representative's name]*

Address: *[insert authorized representative's address]*

Telephone/Fax numbers: *[insert authorized representative's telephone/fax numbers]*

Email Address: *[insert authorized representative's email address]*

***[IMPORTANT: insert the date that this Notification is transmitted to all Consultants. The Notification must be sent to all Consultants simultaneously. This means on the same date and as close to the same time as possible.]***

**DATE OF TRANSMISSION:** This Notification is sent by: *[email/fax]* on *[date]* (local time)

## Notification of Intention to Award

Client: *[insert the name of the Client]*

Contract title: *[insert the name of the contract]*

Country: *[insert country where RFP is issued]*

Loan No. /Credit No. /Grant No.: *[insert reference number for loan/credit grant]*

RFP No: *[insert RFP reference number from Procurement Plan]*

This Notification of Intention to Award (Notification) notifies you of our decision to award the above contract. The transmission of this Notification begins the Standstill Period. During the Standstill Period you may:

- a) request a debriefing in relation to the evaluation of your Proposal, and/or
- b) submit a Procurement-related Complaint in relation to the decision to award the contract.

### 1. The successful Consultant

Name: *[insert name of successful Consultant]*

Address: *[insert address of the successful Consultant]*

Contract price: *[insert contract price of the successful Consultant]*

Handwritten signatures and initials are present at the bottom of the page, including a large signature on the right and several initials or smaller signatures on the left.

2. Short listed Consultants *[INSTRUCTIONS: insert names of all short listed Consultants and indicate which Consultants submitted Proposals. Where the selection method requires it, state the price offered by each Consultant as read out, and as evaluated. Include overall technical scores and scores assigned for each criterion and sub-criterion. Select Full Technical Proposal (FTP) or Simplified Technical Proposal (STP) in the last column below.]*

Name of Consultant	Submitted Proposal	<i>[use for FTP]</i> Overall technical scores	<i>[use for STP]</i> Overall technical scores	Financial Proposal price (if applicable)	Evaluated Financial Proposal price (if applicable)	Combined score and ranking (if applicable) <u>Combined Score:</u> <i>[combined score]</i> <u>Ranking:</u> <i>[ranking]</i>
<i>[insert name]</i>	<i>[yes/no]</i>	Criterion (i): <i>[insert score]</i> Criterion (ii): <i>[insert score]</i> Criterion (iii): <i>[insert score]</i> Sub-criterion a: <i>[insert score]</i> 1: <i>[insert score]</i> 2: <i>[insert score]</i> 3: <i>[insert score]</i> Sub-criterion b: <i>[insert score]</i> 1: <i>[insert score]</i> 2: <i>[insert score]</i> 3: <i>[insert score]</i> Sub-criterion c: <i>[insert score]</i> 1: <i>[insert score]</i> 2: <i>[insert score]</i> 3: <i>[insert score]</i> Criterion (iv): <i>[insert score]</i> Criterion (v): <i>[insert score]</i> Total score: <i>[insert score]</i>	Criterion (i): <i>[insert score]</i> Criterion (ii): <i>[insert score]</i> Sub-criterion a: <i>[insert score]</i> Sub-criterion b: <i>[insert score]</i> Sub-criterion c: <i>[insert score]</i> Total score: <i>[insert score]</i>	<i>[Proposal price]</i>	<i>[evaluated price]</i>	
<i>[insert name]</i>	<i>[yes/no]</i>	Criterion (i): <i>[insert score]</i> Criterion (ii): <i>[insert score]</i> Criterion (iii): <i>[insert score]</i> Sub-criterion a: <i>[insert score]</i> 1: <i>[insert score]</i>	Criterion (i): <i>[insert score]</i> Criterion (ii): <i>[insert score]</i> Sub-criterion a: <i>[insert score]</i> Sub-criterion b: <i>[insert score]</i>	<i>[Proposal price]</i>	<i>[evaluated price]</i>	<u>Combined Score:</u> <i>[combined score]</i> <u>Ranking:</u> <i>[ranking]</i>

Name of Consultant	Submitted Proposal	[use for FTP] Overall technical scores	[use for STP] Overall technical scores	Financial Proposal price (if applicable)	Evaluated Financial price (if applicable)	Combined score and ranking (if applicable)
		2: [insert score] 3: [insert score] Sub-criterion b: 1: [insert score] 2: [insert score] 3: [insert score] Sub-criterion c: 1: [insert score] 2: [insert score] 3: [insert score] Criterion (iv): [insert score] Criterion (v): [insert score] Total score: [insert score]	Sub-criterion c: [insert score] Total score: [insert score]			
		Criterion (i): [insert score] Criterion (ii): [insert score] Criterion (iii): [insert score] Sub-criterion a: 1: [insert score] 2: [insert score] 3: [insert score] Sub-criterion b: 1: [insert score] 2: [insert score] 3: [insert score] Sub-criterion c: 1: [insert score] 2: [insert score] 3: [insert score]	Criterion (i): [insert score] Criterion (ii): [insert score] Sub-criterion a: [insert score] Sub-criterion b: [insert score] Sub-criterion c: [insert score] Total score: [insert score]	[Proposed price]	[evaluated price]	Combined Score: [combined score] Ranking: [ranking]

Name of Consultant	Submitted Proposal	[use for FTP] Overall technical scores	[use for STP] Overall technical scores	Financial Proposal price (if applicable)	Evaluated Financial Proposal price (if applicable)	Combined score and ranking (if applicable)
[insert name]	...	Criterion (iv): [insert score] Criterion (v): [insert score] Total score: [insert score]				
	...					

Handwritten signatures and initials are present at the bottom of the page, including a large signature on the left, a signature in the center, and initials on the right.



3. Reason/s why your Proposal was unsuccessful *[Delete if the combined score already reveals the reason]*

*[INSTRUCTIONS; State the reason/s why this Consultant's Proposal was unsuccessful. Do NOT include: (a) a point by point comparison with another Consultant's Proposal or (b) information that is marked confidential by the Consultant in its Proposal.]*

4. How to request a debriefing *[This applies only if your proposal was unsuccessful as stated under point (3) above]*

**DEADLINE:** The deadline to request a debriefing expires at midnight on *[insert date]* (local time).

You may request a debriefing in relation to the results of the evaluation of your Proposal. If you decide to request a debriefing your written request must be made within three (3) Business Days of receipt of this Notification of Intention to Award.

Provide the contract name, reference number, name of the Consultant, contact details; and address the request for debriefing as follows:

**Attention:** *[insert full name of person, if applicable]*

**Title/position:** *[insert title/position]*

**Agency:** *[insert name of Client]*

**Email address:** *[insert email address]*

**Fax number:** *[insert fax number] delete if not used*

If your request for a debriefing is received within the 3 Business Days deadline, we will provide the debriefing within five (5) Business Days of receipt of your request. If we are unable to provide the debriefing within this period, the Standstill Period shall be extended by five (5) Business Days after the date that the debriefing is provided. If this happens, we will notify you and confirm the date that the extended Standstill Period will end.

The debriefing may be in writing, by phone, video conference call or in person. We shall promptly advise you in writing how the debriefing will take place and confirm the date and time.

If the deadline to request a debriefing has expired, you may still request a debriefing. In this case, we will provide the debriefing as soon as practicable, and normally no later than fifteen (15) Business Days from the date of publication of the Contract Award Notice.

5. How to make a complaint

**DEADLINE:** The deadline for submitting a Procurement-related Complaint challenging the decision to award the contract expires on midnight, *[insert date]* (local time).

Handwritten signatures and initials are present at the bottom of the page, including a large signature on the left, a signature in the center, and several initials on the right.

Provide the contract name, reference number, name of the Consultant, contact details; and address the Procurement-related Complaint as follows:

**Attention:** *[insert full name of person, if applicable]*

**Title/position:** *[insert title position]*

**Agency:** *[insert name of Client]*

**Email address:** *[insert email address]*

**Fax number:** *[insert fax number] delete if not used*

[At this point in the procurement process] [ Upon receipt of this notification] you may submit a Procurement-related Complaint challenging the decision to award the contract. You do not need to have requested, or received, a debriefing before making this complaint. Your complaint must be submitted within the Standstill Period and received by us before the Standstill Period ends.

Further information:

For more information see the "Procurement Regulations for IPF Borrowers (Procurement Regulations) (Annex III)." You should read these provisions before preparing and submitting your complaint. In addition, the World Bank's Guidance "How to make a Procurement-related Complaint" provides a useful explanation of the process, as well as a sample letter of complaint.

In summary, there are four essential requirements:

1. You must be an 'interested party'. In this case, that means a Consultant who has submitted a Proposal in this selection process, and is the recipient of a Notification of Intention to Award.
2. The complaint can only challenge the decision to award the contract.
3. You must submit the complaint within the deadline stated above.
4. You must include, in your complaint, all of the information required by the Procurement Regulations (as described in Annex III).

## 6. Standstill Period

**DEADLINE:** The Standstill Period is due to end at midnight on *[insert date]* (local time).

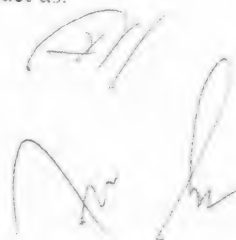
The Standstill Period lasts ten (10) Business Days after the date of transmission of this Notification of Intention to Award.

The Standstill Period may be extended. This may happen where we are unable to provide a debriefing within the five (5) Business Day deadline. If this happens, we will notify you of the extension.

If you have any questions regarding this Notification, please do not hesitate to contact us.

On behalf of *[insert the name of the Client]*:



Signature: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title/position: \_\_\_\_\_  
Telephone: \_\_\_\_\_  
Email: \_\_\_\_\_



## Beneficial Ownership Disclosure Form

**INSTRUCTIONS TO CONSULTANTS: DELETE THIS BOX ONCE YOU HAVE COMPLETED THE FORM**

*This Beneficial Ownership Disclosure Form ("Form") is to be completed by the successful Consultant<sup>1</sup>. In case of joint venture, the Consultant must submit a separate Form for each member. The beneficial ownership information to be submitted in this Form shall be current as of the date of its submission.*

*For the purposes of this Form, a Beneficial Owner of a Consultant is any natural person who ultimately owns or controls the Consultant by meeting one or more of the following conditions:*

- directly or indirectly holding 25% or more of the shares*
- directly or indirectly holding 25% or more of the voting rights*
- directly or indirectly having the right to appoint a majority of the board of directors or equivalent governing body of the Consultant*

**Request for Proposal reference No.:** *[insert identification no]*

**Name of the Assignment:** *[insert name of the assignment]*

**To:** *[insert complete name of Client]*

In response to your notification of award dated *[insert date of notification of award]* to furnish additional information on beneficial ownership: *[select one option as applicable and delete the options that are not applicable]*

(i) we hereby provide the following beneficial ownership information.

### Details of beneficial ownership

Identity of Beneficial Owner	Directly or indirectly holding 25% or more of the shares (Yes / No)	Directly or indirectly holding 25 % or more of the Voting Rights (Yes / No)	Directly or indirectly having the right to appoint a majority of the board of the directors or an equivalent governing body of the Consultant (Yes / No)
<i>[include full name (last, middle, first).</i>			



nationality, country of residence]			
---------------------------------------	--	--	--

OR

(ii) We declare that there is no Beneficial Owner meeting one or more of the following conditions:

- directly or indirectly holding 25% or more of the shares
- directly or indirectly holding 25% or more of the voting rights
- directly or indirectly having the right to appoint a majority of the board of directors or equivalent governing body of the Consultant

OR

(iii) We declare that we are unable to identify any Beneficial Owner meeting one or more of the following conditions. [If this option is selected, the Consultant shall provide explanation on why it is unable to identify any Beneficial Owner]

- directly or indirectly holding 25% or more of the shares
- directly or indirectly holding 25% or more of the voting rights
- directly or indirectly having the right to appoint a majority of the board of directors or equivalent governing body of the Consultant]

Name of the Consultant: \*[insert complete name of the Consultant] \_\_\_\_\_

Name of the person duly authorized to sign the Proposal on behalf of the Consultant:  
\*\*[insert complete name of person duly authorized to sign the Proposal] \_\_\_\_\_

Title of the person signing the Proposal: [insert complete title of the person signing the Proposal] \_\_\_\_\_

Signature of the person named above: [insert signature of person whose name and capacity are shown above] \_\_\_\_\_

Date signed [insert date of signing] day of [insert month], [insert year] \_\_\_\_\_

\* In the case of the Proposal submitted by a Joint Venture specify the name of the Joint Venture as Consultant. In the event that the Consultant is a joint venture, each reference to "Consultant" in the Beneficial Ownership Disclosure Form (including this Introduction thereto) shall be read to refer to the joint venture member.

\*\* Person signing the Proposal shall have the power of attorney given by the Consultant. The power of attorney shall be attached with the Proposal Schedules.

22/04/2020

ANNEXURE F



Sindh  
Mass Transit  
Authority

## KARACHI MOBILITY PROJECT

### EOI EVALUATION REPORT

*for*

#### Shortlisting of Consultants

PREPARATION OF DETAILED DESIGN, PROVIDE PROCUREMENT SUPPORT

AND

CONSTRUCTION SUPERVISION

(September 2020)

SINDH MASS TRANSIT AUTHORITY

GOVERNMENT OF SINDH

M. H. H. H.

for

for

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## EXECUTIVE SUMMARY

Considering the urban mobility issues of the Karachi city, the Sindh Mass Transit Authority, Government of Sindh (the SMTA) has undertaken Karachi Mobility Project (Yellow BRT corridor – a 22 Kms corridor from Dawood Chowrangi to Numaish via Shahrah-e-Faisal and Shahrah-e-Quaideen, Karachi) with the financing from the World Bank. The approved cost of the project is USD 438.90 million.

This report includes description of EO1 shortlisting/evaluation process of consultant firms as a part of procuring consultancy services for the Preparation of Detailed Design, Procurement Support and Construction Supervision Services. This is an international bidding process in compliance with the World Bank procurement guidelines.

Against the advertisement published, thirteen (13) firms have expressed their interest to provide the above-mentioned services. After the evaluation through a consultant selection committee, four (4) out of thirteen (13) firms have been shortlisted / pre-qualified for further procurement process. A summarized sheet consisting of evaluation indicators is included in this report in Section 7.3. The Request for Proposal document shall be issued only to these four shortlisted firms as a part of procurement process.

- i. M/s Tyspa (lead firm) JV M/s Mott Medonald Pakistan
- ii. M/s Khatib & Alami (lead firm) JV M/s Osmani & Company JV M/s Nama Consulting Engineers & Planners JV M/s Prof. Dr S.N. Pollalis Inc JV M/s Halcrow
- iii. M/s SCE (lead firm) JV M/s Hill International JV M/s Logit JV M/s HHO JV M/s Exponent Engineers
- iv. M/s Dar-al-Handasa (lead firm) in JV with M/s NESPAK





## 1 INTRODUCTION

The implementation of a comprehensive solution to Karachi's severe urban mobility problems is underway through decisive Federal and Provincial Governments engagement towards the implementation of a Bus Rapid Transit System [the **BRTS**] as planned under the Karachi Urban Transport Master Plan of 2030. In order to support execution of the infrastructure component of the Karachi Mobility Project through the development of the Yellow BRT Corridor, the Sindh Mass Transit Authority [the **SMTA**] wishes to engage a qualified consulting firm to undertake "Preparation of Detailed Design, provide procurement support and Construction Supervision" services.

The scope of services, grouped in two phases, consist of the following major tasks:

- **Phase 1: DETAILED DESIGN** - preparation of detailed design and bidding documents for contractor selection;
- **Phase 2: CONSTRUCTION SUPERVISION** - construction supervision and contracts administration, including post-construction activities, provide support in monitoring and ensuring environmental and social safeguard compliance.

## 2 ADVERTISEMENT

The SMTA invited eligible consultants to indicate their interest in providing the aforementioned services. The Request for Expression of Interest [the **REoI**] (attached in **Appendix 7.1**) was published in:

- United Nations Development Business [the UNDB] on 14<sup>th</sup> February 2020 as part of the World Bank procurement process;
- The Daily Dawn, Karachi, Pakistan dated 19<sup>th</sup> February 2020,
- The Express Tribune, Karachi dated
- The Daily Jang, Karachi, Pakistan dated 19<sup>th</sup> February 2020,
- The Khaleej Times dated 21<sup>st</sup> February 2020.

The EoI submission deadline was set at March 17, 2020 by 17:00 local time of Karachi, Pakistan. However, considering the global pandemic of Covid-19, this deadline was given one-time extension till 6<sup>th</sup> April 2020 by 17:00 local time of Karachi and a Corrigendum was also published in the newspapers (attached in **Section 7.1**)

## 3 EVALUATION COMMITTEE

A Consultant Selection Committee [the **CSC**] has been constituted, to carry out the entire procurement process for hiring of consultancy services, through a notification SO(C-IV)SGA&CD/Notification-Trpt/2020 dated 13<sup>th</sup> May 2020 (issued by Services, General Administration & Coordination Department, GoS and attached in **Appendix 7.2**). The CSC comprises of the following members:



#	DESIGNATION	STATUS
1	Managing Director, SMTA, GoS	Chairman
2	Director Infrastructure / Projects, SMTA, GoS	Member
3	Chief Consultant, TMTD	Member
4	Director Finance & Accounts, SMTA, GoS	Member
5	Director ITS, SMTA, GoS	Member
6	A representative of P&D department, GoS not below the rank of BS-18	Member
7	A representative of Finance department, GoS not below the rank of BS-18	Member

Later, this committee was re-constituted vide Notification SO(C-IV)/SGA&CD/Notification-Trpt/2020 dated 28<sup>th</sup> July 2020 (issued by Services, General Administration & Coordination Department, GoS and attached in **Appendix 7.2**).

#	DESIGNATION	STATUS
1	Managing Director, SMTA, GoS	Chairman
2	Project Director (Project Management Team), Yellow Line BRT	Member
3	Director Infrastructure / Projects, SMTA, GoS	Member
4	Chief Consultant, TMTD	Member
5	Director Finance & Accounts, SMTA, GoS	Member
6	Director ITS, SMTA, GoS	Member
7	Deputy Director (Procurement), SMTA, GoS	Member
8	A representative of P&D department, GoS not below the rank of BS-18	Member
9	A representative of Finance department, GoS not below the rank of BS-18	Member

#### 4 LIST OF RESPONDING FIRMS

In response to the REoI, thirteen consultants submitted their EoIs by the submission deadline. Details of the submitted EoIs are presented in the following table.

*[Handwritten signatures and marks]*

REFERENCE NO.	NAME OF CONSULTANT FIRM	LEAD FIRM	COUNTRY OF ORIGIN
Eol-1	M/s Botek Bosphorus Technical Consulting Corp. <b>JV</b> M/s Mega Engineering Consulting Inc.	M/s Botek	Turkey
Eol-2	M/s Dar-al-Handasa in <b>JV</b> with M/s NESPAK	M/s Dar	Lebanon
Eol-3	M/s Eser Musavirlik <b>JV</b> M/s Techno Consult <b>JV</b> M/s Meg Yatirim	M/s Eser	Turkey
Eol-4	M/s ITALconsult	M/s ITALconsult	Italy
Eol-5	M/s Kaiser Engineering & Consulting <b>JV</b> M/s Apco Teknik <b>JV</b> M/s SMEC <b>JV</b> M/s Zeeruk International (Pakistan) <b>JV</b> M/s Loya Associates <b>JV</b> M/s Engineering General Consultants (Pakistan)	M/s Kaiser	Turkey
Eol-6	M/s Khatib & Alami <b>JV</b> M/s Osmani & Company <b>JV</b> M/s Nama Consulting Engineers & Planners <b>JV</b> M/s Prof. Dr S.N. Pollalis Inc / M/s Halcrow Pakistan	M/s Khatib & Alami	Lebanon
Eol-7	M/s Kunhwa Engineering & Consulting <b>JV</b> M/s Dong Il Engineering Consultants <b>JV</b> M/s EuroConsult	M/s Kunhwa	South Korea
Eol-8	M/s Minconsult Sdn. Bhd <b>JV</b> M/s EA Consulting <b>JV</b> M/s Creative Engineering Consultants	M/s Minconsult	Malaysia
Eol-9	M/s Renardet <b>JV</b> M/s PEAS <b>JV</b> M/s ESS-I-AAR <b>JV</b> M/s ECSP	M/s Renardet	Switzerland
Eol-10	M/s SCE <b>JV</b> M/s Hill International <b>JV</b> M/s Logit <b>JV</b> M/s HHO <b>JV</b> M/s Exponent	M/s SCE	France
Eol-11	M/s Tebodin	M/s Tebodin	Netherland
Eol-12	M/s Tümas Turkish Engineering Consulting & Contracting <b>JV</b> M/s Emay International Engineering & Consultancy <b>JV</b> M/s Rehman Habib Consultants	M/s Tumas	Turkey
Eol-13	M/s TYPASA <b>JV</b> M/s Mott Medonald Pakistan	M/s TYPASA	Spain

## 5 EVALUATION PROCESS

In total, four meetings of the CSC took place before concluding the shortlisting (pre-qualification) of the EOIs, wherein all members revisited the scope of the assignment with a special focus on the expectations, evaluation criteria and the content of the EOIs received. The overall process of the evaluation was explained, discussed and deliberated.

In the second CSC meeting, held on 25<sup>th</sup> June 2020, the CSC concluded with the agreement on the evaluation criteria published in the REOI (as presented below in the Section 5.1). The CSC scrutinized all EOIs, documenting and recording availability of the required qualifications at the consultants for the intended assignment by examination of the strengths and weaknesses for each consultant, strictly based on the evaluation criteria mentioned in the REOI. The overall judgment on strengths and weaknesses determined by the CSC is the result of assessment of the data provided from the received EOIs.

In the third CSC, held on 06<sup>th</sup> July 2020, it was decided and agreed that there are some EOI documents, fulfilling the REOI criteria, wherein some relevant information is missing and may be sought in the form of clarifications. *Examples* of such documents/information include:

- completion certificates provided in a language other than English which is not understandable.
- completion certificates provided by bidders do not specifically mention the scope of work/services of the consultant, project cost, details of client performed for the client.
- audited financial reports from any of the last five years (if not provided).

The CSC agreed that clarifications from the following five consultant firms may be sought in writing. These clarifications are included in **Appendix 7.4** [*Minutes of 3<sup>rd</sup> CSC Meeting*].

- v. M/s Typsa JV M/s Mott MacDonald Pakistan
- vi. M/s Khatib & Alami JV M/s Osmani & Company (Pakistan) JV M/s Nama Consulting Engineers & Planners JV M/s Prof. Dr S.N. Pollalis Inc JV M/s Halerow (Pakistan)
- vii. M/s SCE JV M/s Hill International JV M/s Logit JV M/s HHO JV M/s Exponent (Pakistan)
- viii. M/s Dar-al-Handasa in JV with M/s NESPAK (Pakistan)
- ix. M/s Tümas Turkish Engineering Consulting & Contracting JV M/s Emay International Engineering & Consultancy JV M/s Rehman Habib Consultants (Pakistan)

In the fourth CSC meeting, held on 21<sup>st</sup> August 2020, the responses from the above-mentioned consultant firms, in **Appendix 7.4** [*Minutes of 4<sup>th</sup> CSC Meeting*] were discussed and the CSC concluded that the response from the following four (04) consultant firms satisfies the evaluation criteria and hence may be shortlisted:

- i. M/s Typsa JV M/s Mott MacDonald Pakistan
- ii. M/s Khatib & Alami JV M/s Osmani & Company (Pakistan) JV M/s Nama Consulting Engineers & Planners JV M/s Prof. Dr S.N. Pollalis Inc JV M/s Halerow (Pakistan)





- iii. M/s SCE JV M/s Hill International JV M/s Logit JV M/s HHO JV M/s Exponent (Pakistan)
- iv. M/s Dar-al-Handasa in JV with M/s NESPAK (Pakistan)

## 5.1 EVALUATION CRITERIA

The CSC discussed the criteria for shortlisting, complying with the advertisement and the World Bank Procurement Regulations for IPF Borrowers (July 2016 – revised November 2017 and August 2018). It was agreed that the following information will be used as the main criteria to demonstrate the responsiveness of the consultants' qualifications to the assignment requirements and for shortlisting:

NO.	CRITERIA
1	<u>Track Record:</u> Firm's corporate capacity and profile for minimum of last 15 years [core business areas, policies, vision & mission, experience in urban transport and mass transit projects, financial details, achievements]. The consultants must never have been black-listed by any client or have left any project incomplete.
2.1	<u>General Technical Experience:</u> Proven general experience of providing the consulting services in infrastructure development projects during the past 15 years. The consultants should be able to demonstrate the successful completion of at least 6 projects – each worth minimum of US\$ 200 million or above.
2.2	<u>Specific Technical Experience:</u> Proven specific experience of providing the consulting services on projects of similar nature comparing the complexity and cost of the Project. The consultants should have successfully completed minimum of 4 projects of specific experience each worth minimum of US\$ 250 million or above, undertaken in last 10 years. The consultants are required to provide an evidence (project description, client's details, completion certificate, role of the consultant on the presented project including worth & duration of the services provided, any specific innovative practice adopted to meet the project objectives, etc.) to demonstrate their general and specific experience. The projects of similar scale, nature and complexity undertaken in Pakistan or South Asian region may be given priority if deemed appropriate.
3	<u>Overall Managerial Capacity &amp; Financial Strength:</u> Consultants are required to demonstrate strong technical and managerial staff employed by them and evidence of positive net-worth to be substantiated by submitting certified audit reports of last five years.

The CSC *unanimously agreed* that a consultant firm not fulfilling the criteria of *General* and *Specific technical experience* (number of projects, minimum cost of the project) and that of *Financial Strength* (positive net-worth in last five years) will not be shortlisted.

The financial strength of only those consultant firm has been examined which fulfilled the technical criteria and provided sufficient general and specific experience of the projects as mentioned in the REOI criteria.

## 5.2 EVALUATION OF CONSULTANTS

Overall findings, as a result of detailed evaluation, for each consultant that submitted an EoI are summarized in the following sections.

M.W. 8



**Eol-1: BOTEK BOSPHORUS / MEGA ENGINEERING*****M/s Botek Bosphorus (Turkey)***

**Core business:** consulting engineering in monitoring major projects for quality and cost control, scheduling, design and supervision in the fields of motorways, railways, bridges, tunnels, environmental engineering, residential buildings, industrial facilities (motorways, highways, bridges, tunnels, housing and residential development, high speed railways, metro, I.R.T, hospitals and health facilities, commercial and industrial buildings, water and wastewater systems, rapid transit systems, lighting and emergency communications)

**Years in business:** Established in 1975 (45 years)

**History of blacklisting:** Not provided

**General technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	Design and supervision of the construction of Batinah Expressway-Khatmat Malaha to UAE Border section III, km 135+000	Oman	2009-2019	1,200	in operation
2	Construction supervision and engineering consulting services for TEM Ankara-Pozanti motorway Çiftelhan-Pozanti section	Turkey	2000-2015	430	completed, in operation
3	Survey and design consultancy services for Yusufeli Dam access roads	Turkey	2012-2016	1,000	completed
4	Mama-Jalka interchange, Hareer-Rawandoz-Jundian highway design services, tunnel and bridge design	Iraq	2011-2012	450	completed
5	Design and supervision consultant Central Java Province Dsc-2 Regional Road Development Project	Indonesia	2015-2018	600	completed
6	Preliminary & final design of Erbil Koya highway	Iraq	2010-2011	200	design completed, partially in operation
7	Supervision consultancy services of several projects in the region of General Directorate of Highways 3 <sup>rd</sup> Division	Konya, Turkey	2013-2016	600	completed
8	Construction supervision and consultancy of various roads between Ankara-Bolu and Düzce	Turkey	2012-2015	600	completed
9	Detailed design for Haliç-Unkapani-Karayolu roadtube Project	Turkey	2017	650	completed

**Specific technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
01	BRT II: Consultancy services for design review and construction supervision of second phase of the Dar Es Salaam BRT	Dar Es Salaam, Tanzania	2017-to now	200	scheduled completion in 2021

No.	Project title	Location	Year	Project value [USD M]	Status
	system Lot 1: Road works (20.3 km) including two fly overs and bus stations along the road				
02	Preliminary and final project services for Vezneciler-Edirnekapi-Eyüp-Gop-Sultangazi metro line	Istanbul, Turkey	2017	850	completed

**Technical and managerial capacity:** over 350 employees, about 80 closely related to the assignment in various engineering fields (civil, geotechnical, architectural, mechanical, electrical, surveying, environmental, etc.)

**Financial Strength:** Not evaluated, since the technical experience criteria is not met.

#### M/s Mega Engineering (Turkey)

**Core business:** engineering and consulting firm providing engineering, design, construction supervision and project management services for a wide variety of transportation projects involving highways, railway systems, highway and railway structures such as bridges, viaducts, tunnels, overpasses, underpasses, culverts, grade separated interchanges, intersections, junctions, service buildings, housing, healthcare, educational and recreational facilities

**Years in business:** Established in 1993 (27 years)

**History of Blacklisting:** N/A

**General technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	Supervision consultancy services of several projects in the region of General Directorate of Highways 3 <sup>rd</sup> Division	Konya, Turkey	2013-2016	600	completed
2	North Marmara motorway project, design of Kurtkoy-Akyazi section (sections 4 and 6, including linking roads)	Turkey	2016-2019	14,500	unknown
3	Construction supervision and consultancy services for construction of Ankara-Polatli, Ankara-Kulu junction, Ankara-Çankırı, Kazan-K.Hamam-Gerede, Y.Kent-Ayaş-Bey pazarı, (Elmadag-K.Kale) junction-Kalecik, Bahşili-Karakeçili-Kulu junction, Gerede-Y.çağa-Bolu, Bolu-Kırıseik, Göynük-Mudurnu, A.Koca-1 <sup>st</sup> Region border, Düzce-Yığılca, and Bolu-Mudurnu roads within Regional Directorate 4	Turkey	2012-2016	600	completed

**Specific technical experience:** no specific experience

**Technical and managerial capacity:** over 260 employees, most of the staff experienced in supervision

**Financial Strength:** Not evaluated, since the technical experience criteria is not met.



**Conclusion:** NOT ACCEPTABLE – The consultant firm has provided satisfactory experience in general infrastructure projects of required value, covering design and construction supervision services, however they do not possess sufficient specific experience of projects (only one project qualifies) as per the REOI criteria

#### 5.2.1 EoI-2: Dar Al-Handasah / NESPAK

##### M/s Dar Al-Handasah (Lebanon)

**Core business:** Consulting organization in engineering, architecture, planning, environment, project and construction management (planning and urban design, architecture, transport planning and transportation engineering, bridges and special structures, structures, geotechnical engineering and tunneling, ports and marine works, resources and environment, power and electrical engineering, telecommunications, mechanical engineering and industry, landscape architecture, GIS and remote sensing, economics, project and construction management, services

**Years in business:** Established in 1956 (64 years)

**History of blacklisting:** Never. Affidavit provided. (in response to the clarifications)

##### **General technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	Princess Nora Bint Abdulrahman University, building and infrastructure works, automated people mover system, and supervision of construction works (master plan, detailed design, tender documents, tender management, supervision)	Saudi Arabia	2008-2014	10,250	completed
2	Facilities and infrastructure works at Dubai world central (design, supervision)	Dubai, United Arab Emirates	2008-2018	3,850	completed
3	Autroroute Est-Quest-East, Lot: (Pre-construction services, detailed design levelling, execution drawings and local component)	Algeria	2006-2012	3,500	completed services
4	Sheikh Jaber Al-Ahmad Al-Sabah causeway project - Subiyah main link and Doha link (design review, project management, supervision, environmental impact assessment)	Kuwait	2013-2018	3,150	completed, in operation
5	Al Zorah development infrastructure (concept design, detailed design, preliminary design, tender documents, supervision)	Ajman, United Arab Emirates	2008-2017	1,735	completed, in operation
6	N'zeto-Soyo Highway Package 7 (cost benefit analysis, topographic surveys, detailed design, tender documents, supervision)	Angola	2007-2018	462	completed, in operation
7	Cazenga infrastructure (detailed design, tender documents, supervision)	Angola	2011-2017	900	completed, in operation



No.	Project title	Location	Year	Project value [USD M]	Status
8	North Bahrain New Town, design of roads, bridges, utilities, and landscape and quay wall works (master plan, geotechnical investigations, concept design, preliminary design, detailed design, traffic study, value engineering, risk management, environmental impact assessment)	Bahrain	2007-2008	851	completed services
9	The Pearl, design amendments to infrastructure and landscaping works (design review, design update, tender documents, traffic modelling, supervision)	Qatar	2005-2011	7000	completed, in operation
10	Detailed design for North Road (geotechnical investigations, hydrological survey, topographic surveys, design, tender documents, traffic study, supervision, environmental impact assessment)	Kuwait	2003-2015	800	completed, in operation
11	Study of Alternatives proposed to link Assir region with Jazan and the Detailed Design of the preferred alternative (detail design and tender documents)	KSA	2011-12	1400	completed, in operation
etc., in total 24 projects (16 completed) equal or larger than USD 200 million in urban transport infrastructure (design, procurement assistance, supervision) and more than 20 other infrastructure projects equal or larger than USD 200 million					

#### Specific technical experience:

No.	Project title	Location	Year	Project value [USD M]	Status
1	Riyadh Light Rail Transit (procurement support)	KSA	2004-2006 (phase 1) & 2008 (phase 2)	4500	completed
2	Mashaeer Railway (construction supervision)	KSA	2009 - ongoing	1773	On-going
3	Project management for Riyadh transit system (project management, supervision)	Riyadh, Saudi Arabia	2014-to now	1,350	on going
4	Streetscape and station design for Riyadh BRT network (technical specifications, detailed design, bill of quantities)	Riyadh, Saudi Arabia	2013-2014	1,432	completed services
5	Princess Nora Bint Abdulrahman University Campus transit system (master plan, geotechnical investigations, design, tender documents, construction documents, supervision)	Saudi Arabia	2008-2011	800	completed

**Technical and managerial capacity:** 9,250 employees, including 6,300 engineers, architects, town planners, environmentalists, economists, finance, marketing and management specialists.

quantity surveyors (experienced in various phases of project development and implementation); technical management of 300 directors and managers

**Financial soundness:** Financially sound. Fulfills the REOI criteria according to the information provided.

**M/s NESPAK (Pakistan)**

**Core business:** Consulting engineering services (energy, water and agricultural development, dam engineering, highways and transportation, architecture and planning, environmental and public health engineering, oil, gas and industrial sector, information technology and GIS)

**Years in business:** Established in 1973 (47 years)

**History of blacklisting:** Never. Affidavit provided.

**General technical experience:**

No.	Project title	Location	Year	Project value [USD million]	Status
1	Lahore ring road, Kamahan to Adda port (feasibility study, project planning, detailed design, tender documents, construction supervision)	Pakistan	2005-2018	757	completed, in operation
2	Upgrade and widening of Surab-Basima-Nag-Panjgure-Hoshab section of N-85 (detailed design, construction supervision)	Pakistan	2007-2016	320	completed, in operation
3	Karachi-Hyderabad motorway (design review, construction supervision)	Pakistan	2015-2020	370	completed
4	Sialkot-Lahore motorway (feasibility study, project planning, detailed design, tender documents, construction supervision)	Pakistan	2007-2009	412	completed
5	Sheikh Rasheed expressway and flood channel project (detailed design, tender documents, construction supervision)	Pakistan	2007-2010	247	completed
6	Islamabad-Murree dual carriageway (detailed design, tender documents, construction supervision)	Pakistan	1999-2012	246	completed
7	Havelin-Thakot section (design review, tender documents, construction supervision)	Pakistan	2016-2020	1,276	completed
8	Quetta water supply and environmental improvement project (project planning, detailed design, tender documents, construction supervision)	Pakistan	2004-2017	287	completed
9	Improvement of Karakoram highway from Raikot to Khunjab Pass (design review, construction supervision)	Pakistan	2009-2014	571	completed
10	Hakla-Dera Ismail Khan road package, section Hakla-Yarak (design review, construction supervision)	Pakistan	2015-2016	1,169	completed
etc., in total more than 50 other infrastructure projects equal or larger than USD 200 million					

**Specific technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	Detailed Design & Construction Supervision of Metro Bus System for Rawalpindi and Islamabad (detailed design, tender documents, construction supervision)	Islamabad, Pakistan	2014-2015	445	completed services, in operation
2	Construction Supervision of Lahore Metro Bus System (Ferozepur Road Corridor) from Gujju Matta to Shahdara (detailed design, tender documents, construction supervision)	Lahore, Pakistan	2012-2013	304	completed, in operation
3	Detail Design and Construction Supervision of Orange Line Metro Train System, Lahore (detailed design and construction supervision)	Lahore, Pakistan	2015-2020	1626	Operations to be started, test run completed

**Technical and managerial capacity:** over 4.600 employees (civil, structural, transportation, mechanical, electrical, telecommunication, environmental, contract management, town planners, architects, interior designers, economists and sociologists); direct experience in public transport solutions in Pakistan

**Financial soundness:** Financially sound. Fulfills the REOI criteria according to the information provided.

**Conclusion:** ACCEPTABLE – The consultant firm has provided satisfactory experience of providing the services as required in the EOI criteria, in general and specific projects of required value. The experience covers urban mass transit systems, as well as direct experience in BRI developments in Pakistan. Experienced pool of staff (design, tender documents, supervision, contract management) demonstrated is sufficient to deliver the assignment.

**5.2.2 EOI-3: Eser / Techno Consult / MEG**

**M/s ESER**

**Core business:** Consulting engineering services in motorways and highways, airports, marine structures, high speed railways, light rail systems, buildings and special structures, water supply and wastewater, oil storage and distribution, gas distribution and metering, energy production

**Years in business:** Established in 1968 (52 years)

**History of blacklisting:** Never. Undertaking provided.

**General technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	Irmak-Karabuk-Zongulak Railway line Rehabilitation (design review, construction supervision, commissioning, start-up inspections, project management)	Turkey	-	-	-
2	Kemalpasa-Torbali and Alsancak Harbor Connection Railway (detailed design, tender documentation)	Turkey	-	-	-

No.	Project title	Location	Year	Project value [USD M]	Status
3	Ankara-Sivas High Speed Railways (detailed design, tender documentation)	Turkey	2006-2008	-	completed services
4	Erzincan-Erzurum-Kars High Speed Railways (detailed design, tender documentation)	Turkey	2006-2008	-	completed services
5	Tatvan-Van, Corum-Amasya and Komurler-Osmaniye High Speed Railways (detailed design, tender documentation)	Turkey	-	-	-
6	Corum Amasya High Speed Railway (detailed design, tender documentation)	Turkey	-	-	-
7	Komurler Osmaniye High Speed Railway (Detailed Design, Tender Documentation)	Turkey	-	-	-
8	Izmir Ege University-Bornova Center metro line (Tender documentation, Construction Supervision)	Izmir, Turkey	-	-	-
9	Istanbul Beyogly-Karakoy funicular tunnel modernization (Detailed Design, Tender Documentation)	Istanbul, Turkey	-	-	-
10	Van, Hakkari, Mus, Bitlis provinces state highways, Antalya-Alanya section 4 state highway (construction supervision, construction management, commissioning, start-up inspections)	Turkey	-	-	-
11	Ankara West exit Eskisehir highway widening, Bergama-Akhisar, Kayseri-Kirsehir, Elazig-Maden, Carsibas-Arakli, Adapazari-Kandira, Usak-Afyon, Havsa-Kesan, Kesan-Gelibolu (detailed design)	Turkey	-	-	-
12	Kayseri LRT system, Phase 1 (detailed design, tender documentation, construction supervision, commissioning)	Kayseri, Turkey	-	-	-
13	Kayseri LRT system, Phases 2 and 3 (detailed design, tender documentation, construction supervision, commissioning)	Kayseri, Turkey	-	-	-
14	Istanbul-Izmir motorway, Manisa-Izmir section, Mersin 2 <sup>nd</sup> Peripheral highway and junctions (detailed design, tender documents)	Turkey	-	-	-
15	Bolu city renewal of roads (construction supervision)	Turkey	-	-	-
etc., including references in Airfield facilities (14), Marine structures (13), Oil storage and distribution (14), Water supply and Wastewater (12), Energy (9)					

**Specific technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	"Survey, Design & Engineering Services for Ankara - Sivas Railway" (detail design) - Inter City Railway project	Turkey	2004-2006	-	completed, in operation
2	"Survey, Design & Engineering Services for the construction of railway Sivas-	Turkey	2006-2008	-	completed, in operation



No.	Project title	Location	Year	Project value [USD M]	Status
	Erzincan-Kars Section II (Erzincan-Erzurum) (detailed design) --- Inter City Railway project				
3	Izmir LRT system, Phase 3 – Section I (construction supervision)	Izmir, Turkey	2007-2011	-	completed, in operation
4	Preparation of Application design and Feasibility study for the Rail Transit System Phase II (Mimar Sinan Intersection – Beyazşehir Idem. 2010 39798) (application design, bidding documents)	Turkey	2010	-	completed, in operation

**Technical and managerial capacity:** good company managerial capacity: no presentation of technical capacity

**Financial Strength:** Not evaluated, since the technical experience criteria is not met.

**M/s TECHNO CONSULT (Pakistan)**

**Core business:** Consulting engineering in marine, ports and harbors, roads, highway and transportation, water resources, dams and hydropower, topographic mapping and surveying, bathymetric and hydraulic survey, water supply, sewerage and environment, architecture and planning, vertical structures, soil, foundation and geotechnical engineering, electrical and mechanical engineering, construction management and supervision

**Years in business:** Established in 1961 (49 years)

**History of blacklisting:** Never, Affidavit provided

**General technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	Construction of Ring Road Faisalabad (detailed design)	Faisalabad, Pakistan	2009-2011	250	completed services
2	Duqm new port and dry dock complex (construction supervision)	Duqm, Oman	2008-2012	1,400	completed, in operation
3	Upgrade of Karachi-Hyderabad super highway to 6-lane motorway (construction supervision)	Karachi, Pakistan	2015-2020	376	substantial completion
4	Detailed design and construction supervision of Greater Karachi sewerage plan	Karachi, Pakistan	2008-to now	344	ongoing construction
5	Nai Gaj dam (design review, tender documents, construction supervision)	Dadu district, Pakistan	2012-to now	320	ongoing construction
6	LNG terminal at Chhan Waddo creek, Port Qasim (engineering design)	Karachi, Pakistan	2007	200	completed services

**Specific technical experience:** No specific experience

**Technical and managerial capacity:** good company managerial capacity: over 450 employees; good pool of technical staff

**Financial Strength:** Not evaluated, since the technical experience criteria is not met.

**M/s MEG Yatirim (Turkey)**

**Core business:** Program and construction management services (performance venues, cutting-edge office towers, luxurious hotel and gaming facilities, meeting and exhibition spaces, primary and higher education spaces, mass transit terminals and data centers)

**Years in business:** - not mentioned

**History of blacklisting:** N/A

**General technical experience:** no presentation of reference projects

**Specific technical experience:** no presentation of reference projects

**Technical and managerial capacity:** good company managerial capacity; no presentation of technical capacity

**Financial Strength:** Not evaluated, since the technical experience criteria is not met.

**Conclusion:** NOT ACCEPTABLE

The consultant firm has provided satisfactory experience in general infrastructure projects of required value, covering design and construction supervision services, however they do not possess sufficient specific experience of projects (only two project qualifies) as per the REOI criteria.

The CSC agreed that the inter-city rail projects will not be considered as specific experience similar to the nature and complexity of the Karachi Mobility Project. In this case, two projects provided as specific experience pertains to the inter-city railway and hence have not been considered in compliance with the REOI criteria.

**5.2.3 EoI-4: ITALConsult**

**Core business:** Consulting engineering in design of civil and industrial works, supervision and safety coordination, project and construction management, verification of projects, planning and provision of integrated engineering services (transport infrastructure, hospital and healthcare, masterplan, hydraulic and sanitary, environment, planning and building, airports, ports, community facilities, energy and oil and gas)

**Years in business:** Established in 1957 (53 years)

**History of blacklisting:** N/A

**General technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	Detailed design for construction of the highway A31 Trento-Rovigo, section Trento-Valdastico-Piovene Rocchette	Italy	2011	2,461	completed services
2	Doubling and upgrading of national road 640 Agrigento-Caltanissetta (design, construction supervision)	Italy	2002-2018	1,525	completed services
3	Preliminary and final design of 3 <sup>rd</sup> Mega-Lot of NR 106 Jonica, from the interchange to RN 534 (Km 365+150) to Roseto Capo Spulico (detail design)	Italy	2012-2013	901	completed services

No.	Project title	Location	Year	Project value [USD M]	Status
4	Construction of Catania-Siracusa Highway (construction supervision)	Italy	2005-2016	969	completed services
5	Modernization in the new alignment of SS 106 Jonica in the section Palizzi (km 50+000)-Caulonia (Km 123+800) VI-VII-VIII Lot: Sant'Ilario-Sv Marina di G. Jonica (DG 22'04) (construction supervision)	Italy	2007-2015	385	completed services
6	Detailed design and preparation of works documents for a road section between Repsi and Thura of the Durrës-Kalimash motorway	Albania	2006-2009	280	completed services
7	Construction of the "Megalot 2" of National Road 106 "Jonica" Section Squillace Interchange - Simeri Crichi Interchange and of the Extension of National Road 280 "Dei Due Mari" from S. Sinato Interchange to Germaneto	Palermo, Italy	2007-2015	63.3	completed services
etc., in total more than 50 completed projects equal or larger than USD 200 million in transport infrastructure (design, procurement assistance, supervision)					

#### Specific technical experience:

No.	Project title	Location	Year	Project value [USD M]	Status
1	Project and Construction management and technical assistance for the construction of three tram lines in Palermo (project & construction management)	Palermo, Italy	1999-2015	253	completed services
2	Venice-Mestre rubber-tired tram (Project coordination, Final design, construction supervision, final project for execution)	Venice, Italy	2004-2007	80	completed services

**Technical and managerial capacity:** specific details not presented

**Financial Strength:** Not evaluated, since the technical experience criteria is not met.

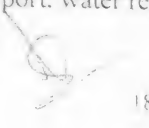
#### **Conclusion:** NOT ACCEPTABLE

The consultant firm's specific experience does not fulfill the REOI criteria (only one project qualifies) although their experience in general projects is worth-mentioning and satisfies the criteria as well.

#### 5.2.4 Eol-5: KAISER / APCO TEKNIC / SMEC / ZEERUK / LOYA / EGC

##### M/s Kaiser (Turkey)

**Core business:** Consultancy, engineering, supervision and project management services for civil structure, infrastructure, transport, water resources and environment sector investments





**Years in business:** Established in 1997 (23 years)

**History of blacklisting:** Never. Undertaking provided

**General technical experience:** Significant experience in infrastructure projects, however without specific information on projects

**Specific technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	Rail system vehicles purchase and 3 <sup>rd</sup> phase I.R.T system supervision	Antalya, Turkey	-	-	
2	Bursa Light Rail System 1 <sup>st</sup> phase (detailed design, tender documentation, construction supervision)	Bursa, Turkey	1997-2013	297	completed, in operation
3	Bursa Light Rail System 2 <sup>nd</sup> phase (overall project management, construction supervision)	Bursa, Turkey	2010-2012	-	completed, in operation

**Technical and managerial capacity:** average pool of staff (30 core experts in several fields)

**Financial Strength:** Negative net-worth in the year 2016. Therefore, the consultant firm has not been shortlisted.

**M/s APCO TEKNİK**

**Core business:** Consultancy services in project management, technical consulting, technical evaluation and reporting, and construction period and support services and solutions

**History of blacklisting:** Never. Undertaking provided.

**General technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	Project monitoring, engineering and evaluation consultancy service related to the Istanbul new airport metro system	Istanbul, Turkey	2017-to now	3.000	ongoing
2	Procurement of monitoring and evaluation consultancy service regarding the construction works of Mersin Integrated Health Campus through PPP model (project management, construction supervision)	Turkey	2014-2017	-	completed, in operation
3	Procurement of monitoring and evaluation consultancy service regarding the construction works of Isparta Integrated Health Campus through PPP model (project management, construction supervision)	Turkey	2014-2017	-	completed, in operation
4	Procurement of monitoring and evaluation consultancy service regarding the construction works of Ankara Bilkent Integrated Health Campus through PPP model (project management, construction supervision)	Turkey	2012-2020	-	completed, in operation



No.	Project title	Location	Year	Project value [USD M]	Status
5	Procurement of monitoring and evaluation consultancy service regarding the construction works of Bursa Integrated Health Campus through PPP model (project management, construction supervision)	Turkey	2012-2019	-	completed, in operation

**Specific technical experience:** no specific experience

**Technical and managerial capacity:** over 500 technical staff

**Financial Strength:** N/A

### M/s SMEC

**Core business:** consultancy services for the lifecycle of a project to a broad range of sectors, including transport, water, environment, mining, oil and gas, geotechnics and tunnels, urban development, hydropower and energy, social development, and government and advisory services

**Years in business:** Established in 1949 (71 years)

**History of blacklisting:** removed from the list of debarred firms with conditional release to a sanction of conditional non-debarment effective September 27, 2018

**General technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	Northern expressway feasibility study	Sri Lanka	2012-2014	4,200	completed services
2	Colombo-Katunayake Expressway (Employer's representative for second construction contract)	Sri Lanka	2008-2015	292	completed, in operation
3	Xiaogan-Xiangfan Expressway (construction supervision)	China	2003-2006	-	completed, in operation
4	Pacific Highway upgrade Brunswick Heads to Yelgun (detailed design)	Australia	2005-2007	-	completed services
5	Guangxi Roads Development Project, Nanning to Youyiguan Expressway (construction supervision)	Australia	2003-2006	-	completed, in operation
6	Ipswich Motorway, Rocklea to Darra (detailed design)	Australia	2010-2011	-	completed services
7	Hailar-Manzhouli Expressway (construction supervision)	China	2005-2009	-	completed, in operation
8	Northern Road Connectivity Project (project implementation consultant, contract administration, construction supervision)	Sri Lanka	2011-2014	-	completed, in operation
9	Eastern Indonesia Region Transport Project (project management, design review, construction supervision)	Indonesia	2006-2011	-	completed, in operation
10	New Abu Dhabi-Dubai Main Road (project management consultant)	United Arab Emirates	2011-2012	-	completed, in operation

No.	Project title	Location	Year	Project value [USD M]	Status
11	Westlink Motorway (M7) Sydney (detailed design)	Sydney, Australia	2002-2005	1,500	completed services
12	Islamabad-Peshawar motorway (construction supervision, contract administration)	Pakistan	1998-2007	500	completed, in operation
13	Hume highway (detailed design, construction supervision)	Australia	2007-2009	-	completed, in operation
14	Network improvement program (detailed designs, construction supervision, contract administration)	Vietnam	2005-2012	-	completed, in operation
15	Taraz-Korday road project (contract administration, construction supervision)	Kazakhstan	2009-2013	-	completed, in operation

**Specific technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	Procurement assistance and supervision of construction for Dar Es Salaam BRT infrastructure (detail design and construction supervision)	Dar Es Salaam, Tanzania	2009-2017	174	completed, in operation
2	Greater Dhaka Sustainable Transport, Package 2, BRT system (detailed, design, procurement, construction supervision)	Dhaka, Bangladesh	2013-2017	-	completed, in operation
3	City of Ekurhuleni Integrated Rapid Public Transport Network (Phase 1A and 1B) (detailed design, project management, contract administration, construction supervision)	Ekurhuleni, South Africa	2013-2016	207	completed, in operation
4	Tshwane Rapid Transport, BRT Trunk Route Line 2B (detailed design, contract documentation, procurement, construction supervision)	Tshwane, South Africa	2013-2016	-	completed, in operation
5	Rustenburg Rapid Transport, BRT Trunk Route A (detailed design, contract documentation, project management, procurement, construction supervision)	Rustenburg, South Africa	2011-2017	-	completed, in operation
6	BRT Electrical Installation (project management, design, commissioning)	Soweto, South Africa	2007-2011	-	completed, in operation

**Technical and managerial capacity:** over 5,500 employees (over 2,500 engineers)

**Financial Strength:** N/A

M/s Zeeruk

**Core business:** Consulting services in transportation, energy and power, water resources, structures, geotechnical and geomorphology, mechanical, electrical and plumbing, architecture.

urban and rural development, transaction advisory, project planning and construction management

**Years in business:** Established in 2002 (18 years)

**History of blacklisting:** Never. Affidavit provided.

**General technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	Karachi-Lahore Motorway, Section III Lahore-Abdul Hakeem (detailed design, construction supervision)	Pakistan	2016- to now	366	ongoing construction
2	Overlay and modernization of Islamabad-Lahore motorway (M-2) under (detailed design and construction supervision)	Pakistan	2014-2017	230	completed, in operation
3	Preliminary design and commercial feasibility study for construction of Rawalpindi flyover	Rawalpindi, Pakistan	2009	200	completed services

**Specific technical experience:** no specific experience

**Technical and managerial capacity:** pool of staff experienced only in design

**Financial Strength:** N/A

**M/s Loya Associates**

**Core business:** Consulting engineering in survey and feasibility of civil engineering projects, structural design of high rise buildings, structures, industrial structures, power plants, special structures arenas, domes, large span roofs, high transmission towers, highways, urban mass transit structures, traffic engineering and city intersections, large span river bridges, urban flyovers, railways bridges

**Years in business:** Established in 1978 (42 years)

**History of blacklisting:** Never. Undertaking provided.

**General technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	Detailed design and construction supervision for bridge over river Indus at Rojhan	Pakistan	2014-2016	-	completed, in operation
2	Additional bridges on Swat motorway (66 km to 69 km), Package 4B (detailed design)	Pakistan	2019	-	completed
3	Detailed design for flyovers, grade separated interchanges, bridges and underpasses for construction of ring road, Faisalabad	Faisalabad, Pakistan	2011	-	completed services
4	Bridge over river Indus connecting Jhirk-Mullah Katiyar (design review, construction supervision)	Pakistan	2012-2020	-	completed

No.	Project title	Location	Year	Project value [USD M]	Status
5	Design review and supervision of widening improvement of Bosan road in Multan	Pakistan	2011-2012	-	completed, in operation
6	Bridge over river Chenab between Shorkot and Garh Maharaja and its approach roads (detailed design, tender documentation)	Pakistan	2010	-	completed services
7	2-Lane bridge over river Indus at Khushal Garh (detailed design, tender documentation, construction supervision)	Pakistan	2011-2015	-	completed, in operation

**Specific technical experience:** no specific experience

**Technical and managerial capacity:** 75 employees: experienced pool of staff with good mixture of design and supervision experience

**Financial Strength:** N/A

#### M/s EGC

**Core business:** consultancy services in planning, design, construction supervision and studies of multidimensional and multi sectoral projects relating to highways, bridges, water resources development, dams, irrigation and drainage, hydraulic structures, environment, agricultural development, forestry and resource conservation, public health engineering

**Years in business:** 33

**History of blacklisting:** N/A

**General technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	Detailed design of grade separation for junction of M-2 link road with N-5 at Kala Shah Kaku and concept design of grade separation for junction of Gujranwala Bypass with N-5 at Chan Da Kila (design)	Punjab, Pakistan	2011-2012	-	completed services
2	Detailed design and quality assurance services for rehabilitation and reconstruction of National Highway (N-25) Kalat-Quetta-Chaman Road Project including 8 bridges	Pakistan	2014-2016	-	completed, in operation
3	Detailed design of roads and bridges for flood emergency reconstruction and resilience project in AJK	Pakistan	2016	-	completed services
4	Feasibility study, detailed design, tender documents and construction supervision for rehabilitation and reconstruction of earthquake damaged roads in Muzaffarabad-Chakhoti Road (C-17) including 3 major bridges of Jhelum Valley in Azad Jammu & Kashmir	Pakistan	2006-2014	-	completed, in operation



No.	Project title	Location	Year	Project value [USD M]	Status
5	Flood Emergency Reconstruction Project, design and supervision for North package	Pakistan	2012-2016	-	completed, in operation
6	Feasibility study and detailed design, tender documents and construction supervision of provincial highways and rural access roads including 6 large bridges	Baluchistan, Pakistan	2005-2010	-	completed, in operation
7	Feasibility Study, detailed design and construction supervision of Punjab Road Sector Development Project	Pakistan	2005-2010	-	completed, in operation
8	Detailed Design including allied activities for upgrade and improvement of 5 flyovers/bridges of N-5 including approach roads	Punjab, Pakistan	2008-2009	-	completed, in operation
9	Feasibility study and detailed engineering design and tender documents for 366 km Chaghcharan-Garden Dewall/Zarkharid section highway including over 15 bridges	Afghanistan	2009-2010	-	completed services
10	Design and construction supervision of New Khanki Barrage including access road and following bridges	Punjab, Pakistan	2013-2017	-	completed, in operation

**Specific technical experience:** no specific experience

**Technical and managerial capacity:** no specific information on staff capacity

**Financial Strength:** N/A

**Conclusion:** NOT ACCEPTABLE -

The consultant firm has provided project experiences in general and specific categories though the cost of the projects is missing in some cases and two specific projects do not fulfill the cost criteria as mentioned in the REOI. The consultant firm do not fulfill the REOI criteria and the lead firm has a negative net-worth in the year 2016.

The CSC agreed that the consultant firm, specifically those whose projects are being considered, must meet the positive net-worth criteria as mentioned in the REOI.

#### 5.2.5 EoI-6: KHATIB & ALAMI / OSMANI / NAMA / PROF. POLLALIS CONSULTING / HALCROW

M/s KHATIB & ALAMI (Lebanon)

**Core business:** Consulting services in detailed design, construction supervision, project management for architecture, urban planning, transportation, environment, energy, water, oil and gas

**Years in business:** Established in 1964 (56 years)

**History of blacklisting:** Never.



### General technical experience:

No.	Project title	Location	Year	Project value [USD M]	Status
1	Latakia-Ariha motorway (design and construction supervision)	Greece	1999-2013	300	completed, in operation
2	South Dhahran development (design)	Saudi Arabia	completed in 2015	286	completed services
3	Pan Arab highway, Hadath-Baalchmey section (studies and design)	Lebanon	completed in 2012	650	completed services
4	Extension of E1 and E12-E11 interchange (design)	United Arab Emirates	completed in 2013	200	completed services
5	Supervision for repair of the existing road leading to Oman borders	Saudi Arabia	completed in 2015	298	completed, in operation
6	Local Roads and Drainage Programme (design and supervision)	Qatar	2012-2018	4,650	completed, in operation
7	Bawabat Makkah neighborhood (detail design, construction supervision)	Makkah, Saudi Arabia	2013-2017	2,200	completed services
8	Sulaimaniyah roads (studies and detail design, construction supervision)	Iraq	completed in 2014	1,650	completed services
9	Hail Tabuk direct road (studies, detail design & tender documents)	Saudi Arabia	completed in 2011	480	completed services

### Specific technical experience:

No.	Project title	Location	Year	Project value [USD M]	Status
1	LRT for Greater Cairo (construction supervision)	Egypt	To be completed in 2020	1,300	ongoing
2	City Rail Transit and New Capital Rail Transit Monorails, Cairo (technical consultancy, tender documentation)	Egypt	2019	4,000	Complete service
3	Metro Line 6 El-Khosos to El-Maady, Egypt (detail design, construction supervision)	Egypt	2018	4,000	Complete service
4	Transit master plan and BRT lines (feasibility studies)	Afghanistan	2017-to now	500	ongoing studies
5	Greater Beirut BRT (feasibility study, concept design)	Lebanon	completed in 2017	290	completed services
6	Public Bus network (studies and design, tender documents)	Saudi Arabia	completed in 2015	70	completed services
7	Al Madinah Metro, Madinah, KSA (preliminary design, tender documents, procurement strategy)	Saudi Arabia	completed in 2015	2,000	completed services
8	Makkah Mass Rail Transit, KSA (design)	Saudi Arabia	Completed in 2015	8,000	completed services

Some projects have been included in specific experience which are inter-city rail projects and don't qualify in this case. Some projects of similar nature are included but scope of services is limited to feasibility, concept preparation and utilities design only which don't qualify REOI criteria either.

**Technical and managerial capacity:** good pool of managerial and technical staff

**Financial soundness:** financially stable, fulfills the REOI criteria

**M/s OSMANI & COMPANY (Pakistan)**

**Core business:** Consultancy services in planning, architecture, environment, mapping, industry, transportation, water, energy, information technology, management

**Years in business:** Established in 1960 (60 years)

**History of blacklisting:** Never. Undertaking provided

**General technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	Lahore Sialkot motorway (design review, construction supervision)	Pakistan	2017-2019	440	completed, in operation
2	SWAT expressway (supervision)	Pakistan	2017-2019	413	completed, in operation
3	Malir Expressway (preliminary design)	Pakistan	2014-2015	400	completed services
4	Design of DCK infrastructure works for Pakistani Defense Officers Housing Authority	Pakistan	2013-2016	365	completed services
5	Development of Hawksbay housing scheme (detailed design, bidding documents, supervision)	Pakistan	2008-2018	1,035	completed, in operation

**Specific technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	Multan BRT line I (planning, detail design and construction supervision)	Pakistan	2015-2017	287	completed, in operation
2	Faisalabad BRT line (feasibility study, transaction advisory, transport modelling, preliminary design, ITS)	Pakistan	2014	560	completed services
3	Karachi Blue line BRT (feasibility study, transaction advisory)	Pakistan	2016-2017	355	completed services
4	Lahore Blue line Metro (Feasibility study, transaction advisory, transport modelling, preliminary design)	Pakistan	2015-2016	2,680	completed services

**Technical and managerial capacity:** good pool of managerial and technical staff

**Financial soundness:** financially stable, although recording loss in 2019. Fulfills the REOI criteria.

**M/s NAMA Consulting Engineers and Planners S.A. (Greece)**

**Core business:** Consultancy services in surveying, mapping and scanning services, water and environment, highways and transportation, structural, geological, geotechnical, electrical, mechanical, energy, environmental studies

**Years in business:** 27



History of blacklisting: N/A

General technical experience: no specific details on reference projects

Specific technical experience:

No.	Project title	Location	Year	Project value [USD M]	Status
1	Athens IRI (detail design)	Greece	2002-2008	216	completed services
2	Athens Metro Project (detail design (tunneling works included), procurement, monitoring)	Greece	2012-2018	600	completed services

Some projects have been included in the specific experience section wherein the scope of services offered don't qualify the REOI criteria example: transport master planning, feasibility study, traffic control etc.

Technical and managerial capacity: good pool of staff, experienced in design and studies

Financial Strength: Financially stable. Fulfills the REOI criteria.

**M/s Prof. Pollalis Consulting (USA)**

Core business: individual consultant in the field of design, technology and management (urban planning, infrastructure)

Years in business: over 30 years of experience

History of blacklisting: N/A

General technical experience: no specific details on reference projects

Specific technical experience: no specific details on reference projects

Technical and managerial capacity: pool of experienced urban planners

Financial Strength: N/A

**M/s HALCROW (PAKISTAN)**

Core business: Consulting services in program management, project management, geotechnical investigations, environmental assessments, health, safety and environmental monitoring, planning, feasibility and scoping studies, concept and detailed engineering designs, access roads and well site engineering, infrastructure for the oil and gas sector, construction management and supervision, energy, power, and electrical engineering solutions, quantity surveying and cost estimation, procurement and contracts support, community engagement, economic and financial analyses, institutional assessment, sustainability analysis, monitoring and evaluation, topographic, GIS, and other surveys (buildings, environment, transportation, water, urban development, cross-market services)

Years in business: Established in 1993 (27 years)

History of blacklisting: Never. Undertaking provided

General technical experience: no specific details on reference projects

Specific technical experience: no specific details on reference projects

Technical and managerial capacity: good pool of local staff experienced in design and supervision



Financial soundness: N/A

**Conclusion: ACCEPTABLE –**

The consultant firm has provided satisfactory experience of providing the services as required in the EOI criteria, in general and specific projects of required value. The experience covers urban mass transit systems including BRT (one project delivered in Pakistan) and LRT, MRT projects. The experience and capacity demonstrated is sufficient to deliver the project.

**5.2.6 EOI-7: KUNHWA / DONG IL**

***M/s KUNHWA Engineering & Consulting Co. Ltd (South Korea)***

**Core business:** Consulting services for road and highway engineering and transportation, tunnel and underground space development, water supply & sewerage, urban planning and regional development, environmental engineering, water resources development, railroad and subway, harbor and port development, mechanical and electrical plant, and construction management and supervision (design appraisal, constructability reviews, operations and maintenance planning, and construction inspection and supervision but also value engineering, safety audits and control, risk management, claim management and dispute resolution, institutional capacity building, on-site training and technology transfer)

**Years in business:** Established in 1990 (30 years)

**History of blacklisting:** not provided

**General technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	Construction supervision for the Sea Bridge construction connecting Busan and Geoje island	South Korea	2004-2011	1,268	completed, in operation
2	Construction supervision of Incheon Grand Bridge	South Korea	2005-2009	1,902	completed, in operation
3	Construction supervision for Expressway No. 600 (Busan Outer Ring Road) construction	South Korea	2002-2017	816	completed, in operation
4	Construction supervision for Busan New Port No. 2 back road construction	South Korea	2012-2017	304	completed, in operation
5	Construction supervision for Songdo Seaside Highway improvement	South Korea	2005-2010	273	completed, in operation
6	Construction supervision for Ungdong-Jangyoo national road improvement	South Korea	2006-2017	235	completed, in operation
7	Construction supervision for Guseongpo-Duchon road improvement and pavement work	South Korea	2000-2007	222	completed, in operation
8	Construction supervision for Yangsan-Dongmyeon, Wonri-Yeongpo (Jangseon-Taebong) road improvement and pavement work	South Korea	2002-2018	209	completed, in operation
9	Basic and detailed design for infrastructure development for Songdo 5 and 7 sections	South Korea	2007-2009	425	completed services
10	Construction supervision for Honam Express railway of the Roadbed section 4-3, 4-4, 5-1	South Korea	2009-2016	518	completed, in operation

No.	Project title	Location	Year	Project value [USD M]	Status
11	Construction supervision for the roadbed construction of Daegok-Sosa double track railway	South Korea	2016-to now	271	ongoing construction
12	Construction supervision for airport railway and connecting facility improvement	South Korea	2011-2016	270	completed, in operation
13	Construction supervision for construction of Great Train Express (GTX) railway between Samsung and Dongtan, sections 2, 3	South Korea	2016-2021	244	ongoing construction

**Specific technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	Detailed engineering design and design construction supervision for Cebu BRT system	Cebu, Philippines	2015-to now	228	ongoing construction
2	Detailed design and construction supervision for Dar es Salaam BRT infrastructure Phase 4	Dar Es Salaam, Tanzania	2019-to now	200	ongoing implementation
3	Detailed Design for upgrade of the port access corridors and the Dar es Salaam BRT infrastructure Phase 5	Dar Es Salaam, Tanzania	2018-2019	200	completed services
4	Construction supervision for BRT System construction in Minrak 2 district land development	Gyeonggi, South Korea	2010-2014	70	completed, in operation
5	Construction supervision for Seoul-Hanam BRT pilot project	Gyeonggi, South Korea	2009-2011	16	completed, in operation

**Technical and managerial capacity:** over 1,100 employees, including over 1,030 design and supervision engineers; extensive experience infrastructure projects.

**Financial Strength:** Not evaluated, since the technical experience criteria is not met.

**M/s Dong Il Engineering Consultants (South Korea)**

**Core business:** Engineering services and consulting for railroads, subways and transit, public transport planning, bus rapid transit, intelligent transportation system, roads and bridges, structures, geotechnical and tunneling, urban planning, water supply and sewerage, water resources and rural development (end-to-end investigations, preliminary and general feasibility studies, master planning, basic and detailed designs, construction supervision and project management)

**Years in business:** 55

**History of blacklisting:** not provided

**General technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	Basic and detailed design, and construction management for the highway construction between Sejong and Pocheon	South Korea	2017-2019	3,480	completed, in operation

No.	Project title	Location	Year	Project value [USD M]	Status
2	Basic and detailed designs for Seoul-Sejong expressway Anseong-Guri construction (detailed design, tender documentation)	South Korea	2016-2017	556	completed services
3	Detailed design for the Gwangju-Wando (Gwangju-Gangjin) expressway construction (detailed design, tender documentation)	South Korea	2015-2016	1,530	completed services
4	Detailed design of Daegu Circular Expressway (detailed design, tender documentation)	South Korea	2012-2013	898	completed services
5	Detailed design for Hamyang-Ulsan Expressway (detailed design, tender documentation)	South Korea	2010-2013	5,960	completed services
6	Construction supervision for Expressway No. 600 Busan Outer Ring Road	South Korea	2012-2018	1,340	completed, in operation
7	Construction supervision for the Seoul-Chuncheon Expressway	South Korea	2004-2009	348	completed, in operation
8	Construction supervision for Daegu-Busan Highway construction project	South Korea	2001-2006	1,830	completed, in operation
9	Basic and detailed design of roadbed for Jungang double track railway	South Korea	2012-2014	285	completed services
10	Integrated construction supervision of roadbed for Seohae Line double track railway (Hongseong-Songsan)	South Korea	2015-2019	350	completed, in operation
etc., in total 14 projects equal or larger than USD 200 million in infrastructure (mixture of design and supervision services)					

**Specific technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	Basic and detailed design of Jeju BRT	South Korea	2018	-	completed services
2	Feasibility study and detailed design for the BRT systems in Ho Chi Minh City	Vietnam	2010-2013	49	completed services

**Technical and managerial capacity:** over 590 employees, more than 400 engineers, extensive pool of experienced staff, particularly in supervision

**Financial Strength:** Not evaluated, since the technical experience criteria is not met.

**Conclusion:** NOT ACCEPTABLE

The consultant firm's specific experience does not fulfill the REOI criteria although the projects mentioned in general experience are worthy and fulfill the EOI criteria.

The CSC agreed that the projects not meeting the criteria of minimum cost, as mentioned in the REOI, will not be considered qualified.

**5.2.7 EoI-8: Minconsult / EA consulting / CEC**

**M/s MINCONSULT SDN BHD (Malaysia)**

**Core business:** Consulting services in airport development, bridge and marine works, building structures, computer aided engineering, drainage, irrigation and water resources, environmental

and pollution control, engineering surveys, railway, highway and road engineering, hydroelectric power generation plants, infrastructural development, land reclamation and development, mechanical and electrical services, project planning and management, solid waste, sewerage and sanitary engineering, soils and geotechnical engineering, thermal power engineering, traffic and transportation studies, urban and regional planning studies, water supply and treatment, sports complexes, occupational health and safety, quality assurance (preliminary investigations, conceptual and economic analysis, financial and pre-investment studies, feasibility reports, preliminary and detail engineering designs and drawings, cost estimates, bidding documentation, procurement assistance, environmental impact assessments)

**Years in business:** Established in 1962 (58 years)

**History of blacklisting:** Never. Undertaking provided

**General technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	High speed rail Kuala Lumpur-Singapore feasibility study, phase 1B	Kuala Lumpur, Malaysia	2012-2013	6,800	completed services
2	Southern corridor high speed rail Kuala Lumpur-Singapore, phase 2A (revision of preliminary design, cost estimate)	Kuala Lumpur, Malaysia	2014-2018	16,000	completed services
3	Sunway BRT (conceptual engineering, feasibility study, specifications for design-build contract)	Kuala Lumpur, Malaysia	2012	634	completed services
4	Sunway BRT guideway and halts, depot, park and ride, oxidation point (architectural design, topographic survey, road safety audit, specifications for design-build contract)	Kuala Lumpur, Malaysia	2013-2015	634	completed services
5	Independent checking engineer of system work for Jakarta LRT project, corridor 1, phase 1 Kelapa Gading-Velodrome (design review)	Jakarta, Indonesia	2017-2018	800	completed services
6	Interface management consulting services for Jakarta LRT project, corridor 1, phase 1 Kelapa Gading-Velodrome (manage interface between civil and system works)	Jakarta, Indonesia	2016-2018	471	completed services
7	Inner city LRT (basic engineering design)	Jakarta, Indonesia	2015	1,800	completed services
8	Detailed design for Kelana Jaya LRT extension project	Kuala Lumpur, Malaysia	2008-2016	800	completed services
9	Detailed design for LRT project from Bandar Utama to Johan Setia	Kuala Lumpur, Malaysia	2016-2021	2,000	ongoing services
etc., in total 22 projects equal or larger than USD 200 million in infrastructure (studies, design)					

**Specific technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	Sunway BRT (conceptual engineering, feasibility study, specifications for design-build contract)	Malaysia	2012	152	completed services



No.	Project title	Location	Year	Project value [USD M]	Status
2	Sunway BRT guideway and halts, depot, park and ride, oxidation point (architectural design, topographic survey, road safety audit, specifications for design-build contract)	Malaysia	2013-2015	150	completed services
3	Independent checking engineer of system work for Jakarta LRT project, corridor 1, phase 1 Kelapa Gading-Velodrome (design review)	Indonesia	2017-2018	800	completed services
4	Interface management consulting services for Jakarta LRT project, corridor 1, phase 1 Kelapa Gading-Velodrome (manage interface between civil and system works)	Indonesia	2016-2018	471	completed services
5	Inner city LRT (basic engineering design)	Indonesia	2015	1,800	completed services
Some other projects are included in specific experience section but the scope of services provided do not satisfy the REOI criteria.					

**Technical and managerial capacity:** over 400 employees, more than 270 engineers

**Financial Strength:** Not evaluated, since the technical experience criteria is not met.

**M/s EA CONSULTING (Pakistan)**

**Core business:** Consulting services in architecture, structures, transportation, environmental and public health, infrastructure services development, HVAC and plumbing, irrigation and flood control, field surveys, urban and regional planning, electrical, agriculture, education planning, ports and harbors (master planning, survey and mapping, engineering and economic feasibility studies, market survey and research, engineering surveys, physical condition surveys, socio-economic surveys, sub-surface investigations and testing, hydrological investigations, detailed engineering designs, AutoCAD and manual drawings, preparation of specifications, preparation of tender documentation, bill of quantities and cost estimates, construction supervision, quality control, contract administration, project management and scheduling, contracting, project monitoring and evaluation, troubleshooting during implementation, training services, performance evaluation)

**Years in business:** Established in 1981 (39 years)

**History of blacklisting:** Never. Declaration provided

**General technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	Design review and construction supervision of Islamabad-Peshawar motorway	Pakistan	2003-2007	294	completed, in operation
2	Design review services for flood emergency reconstruction project	Pakistan	2013-2015	248	completed services
List of various projects has been provided <u>without</u> specifying the cost of project, execution period and scope of work and other relevant information.					

**Specific technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	Green line BRT (design and construction supervision)	Karachi, Pakistan	2015-2020	188	ongoing construction

**Technical and managerial capacity:** no specific details on staff capacity

**Financial Strength:** Not evaluated, since the technical experience criteria is not met.

**M/s Creative Engineering Consultants (Pakistan)**

**Core business:** Consulting services in roads, structures and bridges, project development, water resources, water supply and sewerage, environment, urban planning and land development, construction management and supervision (appraisal, pre-feasibility and feasibility, investigations, specialized services, design, construction supervision, post-construction services, tender and contract documentation)

**Years in business:** Established in 2009 (11 years)

**History of blacklisting:** Never. Declaration provided

**General technical experience:** most of the presented references are of low value as required in the REOI criteria

No.	Project title	Location	Year	Project value [USD M]	Status
1	Feasibility study and Detailed engineering design of expressway from Chakdara to Mingora city	Pakistan	2016	200	completed services

**Specific technical experience:** no relevant specific experience

**Technical and managerial capacity:** good pool of staff experienced in design and supervision

**Financial Strength:** Not evaluated, since the technical experience criteria is not met.

**Conclusion: NOT ACCEPTABLE -**

The consultant firm's specific experience does not fulfill the REOI criteria (of both minimum cost and number of projects). The required information on general projects experience, is consistently missing from their FOI.

**EOI-9: Renardet / PEAS / ESS-I-AAR/ ECSP**

**M/s RENARDET S.A (Switzerland)**

**Core business:** Consulting services in transport infrastructure (roads, railways, airports), urban and regional development, water supply and sanitation, environment, agriculture and rural development (preliminary and final designs, technical assistance and project management, supervision of construction works and plant assembly, environmental and land-use planning studies, pre-investment studies and financial programs, general economic studies, technical and

economic feasibility studies, architecture and structural design, maintenance programs, advisory services to public and private bodies, electronic data-processing services, human resources development and training, assistance to clients for contractor claim evaluation)

**Years in business:** Established in 1976 (44 years)

**History of blacklisting:** Not submitted

**General technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	Highlands road maintenance and upgrading (detailed design, construction supervision)	Papua New Guinea	2007-2017	420	completed, in operation
2	Value engineering, detailed design and project management consultancy services for South Luzon tollway project (design, procurement assistance, construction supervision)	Philippines	2000-2011	400	completed, in operation
3	Highlands road improvement investment program (construction supervision)	Papua New Guinea	2012-2015	365	completed, in operation
4	National highway corridor, sector I, East-West corridor (construction supervision)	India	2005-2014	345	completed, in operation
5	Construction supervision of widening Faisalabad-Khanewal motorway	Pakistan	2010-2019	325	completed, in operation
6	Regional design and supervision consultant for second Eastern Indonesia region transport project	Indonesia	2006-2011	296	completed, in operation
7	Detailed engineering design of Agno and Bued viaducts of Tarlac-Pangasinan-LA Union expressway	Philippines	2012-2017	280	completed, in operation
8	Project management and construction supervision of metro Manila Skyway, stage 3	Manila, Philippines	2014-to now	220	ongoing construction
9	Road rehabilitation 2 project (design, construction supervision)	Sumatra and Kalitaman, Indonesia	2009-2010	216	completed, in operation

**Specific technical experience:** no relevant specific experience

**Technical and managerial capacity:** over 450 employees with various engineering background, staff mostly experienced in supervision services

**Financial Strength:** Not evaluated, since the technical experience criteria is not met.

**M/s PEAS (Pakistan)**

**Core business:** Consulting services in design, design review, construction supervision, capacity building in the transport sector, project implementation, project management and impact studies on a multitude of roadway facilities ranging from motorways to highways

**Years in business:** not provided

**History of blacklisting:** Never. Declaration provided

**General technical experience:** All reference projects valued less than USD 200 million



**Specific technical experience:** No relevant specific experience

**Technical and managerial capacity:** Average pool of staff in road engineering field, mostly experienced in supervision

**Financial Strength:** Not evaluated, since the technical experience criteria is not met.

**M/s ESS-I-AAR (Pakistan)**

**Core business:** Consulting and developing advisory services in planning, architecture designing, construction management, environmental engineering, geotechnical engineering, structural engineering, transportation engineering, urban planning, water resources and hydraulics engineering

**Years in business:** Established in 1958 (62 years)

**History of blacklisting:** Never. Declaration provided.

**General technical experience:** Experienced in architectural projects (buildings, mostly public), however all reference projects valued less than USD 200 million

**Specific technical experience:** No relevant specific experience

**Technical and managerial capacity:** Good pool of staff experienced in design and supervision

**Financial Strength:** Not evaluated, since the technical experience criteria is not met.

**M/s ECSP (Engineering Consultancy and Services Punjab) (Pakistan)**

**Core business:** Consulting services in planning, design and construction supervision including highways and transportation, infrastructure and public health, structures, geotechnical, energy and renewables, hydropower and dams, environment and agriculture and contracts and procurement

**Years in business:** Established in 2011 (9 years)

**History of blacklisting:** Never. Affidavit provided.

**General technical experience:** Most of reference projects valued less than USD 200 million

No.	Project title	Location	Year	Project value [USD M]	Status
1	Elevated expressway along with BRT from Main Boulevard Gulberg Jail Road to Motorway, M-2 (preliminary design)	Pakistan	2014	206	completed services

**Specific technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	Construction supervision of BRT system along Ferozepur Road	Pakistan	2012-2013	19	completed, in operation
2	Construction supervision of BRT package 5, Rawalpindi-Islamabad	Pakistan	2014-2015	14	completed, in operation

**Technical and managerial capacity:** good pool of staff experienced in supervision

**Financial Strength:** Not evaluated, since the technical experience criteria is not met.



**Conclusion:** NOT ACCEPTABLE –

The consultant firm's specific experience does not fulfill the REOI criteria (only one project qualifies). The projects mentioned in general experience fulfill the criteria satisfactorily from only one partner while most of the presented reference projects are within roads sector and the local partners demonstrate the projects not satisfying the cost criteria of the REOI.

**5.2.8 EoI-10: SCE / Hill International / Logit / IHO / Exponent**

**M/s SCE (France)**

**Core business:** Consulting services in urban planning and landscape, urban and transportation infrastructure, water and waste water infrastructure, environment (technical assistance, planning, audit and diagnostic, pilot and feasibility study, preliminary and detailed design, economic and financial analysis, regulatory procedure, safety, works supervision)

**Years in business:** Established in 1981 (32 years)

**History of blacklisting:** Never. Declaration provided

**General technical experience:** Extensive worldwide experience in infrastructure projects, however without presentation of details

**Specific technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	Preparation of a Pilot Project for a BRT system with dedicated bus lanes in Dakar and its investment program. (detail design, tender documents)	Senegal	2013-2017	300	Completed services
	Tram – Train link Nantes & Châteaubriant Design & Works supervision (detail design, project management)	France	2009-2014	208	Completed services
1	Extension of the rapid transit network (LRT and BRT) in Le Mans (preliminary and detailed designs, procurement assistance, project management, construction supervision)	Le Mans, France	2010-2015	90	completed, in operation
2	Creation of a BRT line between Bordeaux centre and Saint-Aubin-de-Medoc (preliminary and detailed designs, procurement assistance, construction supervision)	France	2016-to now	85	ongoing construction
3	Creation of BRT lines in the Greater Angoulême Area (preliminary and detailed designs, procurement assistance, construction supervision)	France	2014-2019	50	completed, in operation
4	BRT Development in Da Nang (contract management and construction supervision)	Vietnam	2014-2016	50	completed, in operation
5	Creation of a North South BRT line in Rouen (detailed design, construction supervision)	France	2014-2018	50	completed, in operation
6	BRT Thonon-Geneva (detailed design)	France	2015-to now	25	completed services
etc. (another 3 BRT projects in France of lower value, including detailed design and supervision services)					

**Technical and managerial capacity:** over 400 employees, good pool of staff experienced in design and supervision

**Financial soundness:** financially stable, increasing turnover. Fulfills the REOI criteria.

**M/s Hill International N.V (Netherlands)**

**Core business:** Consultancy services in buildings, transportation, environment, energy, industry (program management, project management, construction management, project management oversight, troubled project turnaround, staff augmentation, project controls, estimating, scheduling, project labor agreements, risk assessment, risk management, lender advisory services, management consulting)

**Years in business:** 40+

**History of blacklisting:** Never. Declaration provided.

**General technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	Consulting engineering services for expansion and modernization of Muscat International and Salalah airports (construction supervision, contract management and administration)	Oman	2013-2018	5.200	completed, in operation
2	Project management services for the Bahrain International airport, Southern passenger terminal and Airport city development (project management, procurement assistance)	Bahrain	2009-2012	1.290	completed, in operation
3	Project management and administration for modernization of Phoenix Sky Harbor International airport	USA	2013-2017	1.500	completed, in operation
4	Project management services to Salt Lake City International airport	USA	2013-to now	1.800	ongoing implementation
5	Project management services for the Etihad Towers	Abu Dhabi, United Arab Emirates	2007-2012	900	completed, in operation
6	Project management and construction supervision services of Shams Abu Dhabi project	Abu Dhabi, United Arab Emirates	2006-2011	2.700	completed, in operation
7	Consultancy services to prepare the master plan along with design and construction services of City of Arabia leisure and entertainment complex	Dubai, United Arab Emirates	2005-2009	5.000	completed, in operation
8	Program management services to King Abdullah Financial District	Riyadh, Saudi Arabia	2007-2014	7.700	completed, in operation
9	Consultancy services for the preparation of master plan along with designing and construction services for development of Palm Jumeira	Dubai, United Arab Emirates	2000-2008	800	completed, in operation
10	Construction management services for the Route 202 Parkway project	USA	2009-2012	200	completed, in operation

**Specific technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	Metro Gold line rail Foothill extension (design, construction management)	USA	2009-2016	950	completed, in operation
2	Doha metro Green line (project management, surveillance of design-build contractor)	Doha, Qatar	2012-2016	2,500	completed, in operation
3	Number 7 subway line extension project (construction management)	New York, USA	2007-2015	2,420	completed, in operation

**Technical and managerial capacity:** above 2,600 employees, including about 1,500 employees in fields relevant to the assignment

**Financial soundness:** financially stable, slight decrease of turnover in the past three years. Fulfills the REOI criteria.

**M/s Logit Consulting (USA)**

**Core business:** Consultancy services in airports, railroads, toll roads, ports, pipeline and urban mobility

**Years in business:** Established in 2003 (17 years)

**History of blacklisting:** Never. Declaration provided.

**General technical experience:** Extensive worldwide experience in infrastructure projects, however without presentation of details

**Specific technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	BRT conceptual and detailed designs of Initial Corridor	Dar Es Salaam, Tanzania	2005-2007	-	completed services
2	Guadalajara phase II BRT PPP (procurement documentation)		2010	-	completed services
including another 10 BRT projects in Pakistan (Karachi Red and Yellow lines, Peshawar), India (Chennai), Paraguay (Asunción), Mozambique (Maputo), South Africa (Cape Town, Johannesburg), Mexico (Guadalajara), Brazil (Rio de Janeiro TransOeste and TransBrasil), Egypt (Cairo), China (Jinan, Xian and Chengdu) at the conceptual design stage and operational plan					

**Technical and managerial capacity:** good pool of staff experienced in design

**Financial soundness:** financially stable. Fulfills the REOI criteria.

**M/s HHO (South Africa)**

**Core business:** consultancy services in transportation infrastructure (design, feasibility, supervision, construction and contract management)

**Years in business:** Established in late 1920's

**History of blacklisting:** Never. Declaration provided.



**General technical experience:** Experienced in infrastructure projects, mostly Southern Africa, however without presentation of details

**Specific technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	Atlantis corridor integrated rapid transit infrastructure project (phase 1a), including BRT (detailed design, construction supervision)	Cape Town, South Africa	2007-2015	110	completed, in operation
2	Go Durban - C3A BRT corridor (detailed design, construction supervision)	Durban, South Africa	2013-2017	89	completed, in operation

**Technical and managerial capacity:** good pool of staff experienced in design

**Financial soundness:** financially stable, slight decrease in turnover in past years, however profit rising. Fulfills the REOI criteria.

#### M/s Exponent Engineers (Pakistan)

**Core business:** Consulting services in planning, transportation, structural, telecom engineering, urban infrastructure, GIS development, marine engineering, industrial engineering, environmental planning, design and monitoring

**Years in business:** Established in 2001 (19 years)

**History of blacklisting:** Never. Affidavit provided.

**General technical experience:** Experienced in infrastructure projects, mostly local, however without presentation of details.

**Specific technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	Detailed design of BRT Blue Line	Pakistan	2014-2016	290	completed services
2	Third party design vetting and value engineering for BRT Green Line	Pakistan	2016-2017	153	completed services

**Technical and managerial capacity:** over 100 employees, good pool of staff experienced in design and supervision

**Financial soundness:** financially stable, decrease in turnover in the past year. Fulfills the REOI criteria.

**Conclusion:** ACCEPTABLE

The consultant firm has provided satisfactory experience of providing the services as required in the EOI criteria, in general and specific projects of required value. The experience covers urban mass transit systems including BRT and MRT besides extensive experience in infrastructure projects. The experience and capacity demonstrated, is sufficient to deliver the assignment.



### 5.2.9 EoI-11: Tebodin

**Core business:** Consulting services in Infrastructure, master planning, architecture, building installations, building physics, civil and structural, electrical, energy, environmental technology, geodesy, mechanical, pipelines, piping, process, process control and instrumentation, telecommunications, transport (technical consulting, concept development, project planning, process engineering, basic and detail engineering, process automation, technology, project management, procurement, manufacturing, logistics, dispatch, quality, mechanical engineering/construction, plant commissioning)

**Years in business:** 75 years (Established in 1974 - 45 years Tebodin Middle East)

**History of blacklisting:** not submitted

**General technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	Design and supervision consultancy services of infrastructure facilities at Sector 21 in Madinat Zayed	United Arab Emirates	2018-to now	200	ongoing construction
2	Design of infrastructure for Al Khair development	United Arab Emirates	2017-to now	326	ongoing design
3	Supervision for extending Sheikh Zayed Bin Sultan Street at Umm Lafina Island to connect Al Reem Island	United Arab Emirates	2017-to now	272	ongoing construction
4	Construction supervision services for infrastructure works in Zayed City (South spine) and enabling works in Zayed city (commercial district)	United Arab Emirates	2017-to now	353	ongoing construction
5	Khalifa Port Industrial Zone, Area A-KP 4, 5, 6 & 8, phase 1, 1A & 1B (design)	United Arab Emirates	2011-2016	300	completed, in operation
6	Consultancy services for New Road from Industrial City in Mussafah to Hameem Intersection at E11 (design)	United Arab Emirates	2012-2014	326	completed, in operation

**Specific technical experience:** No specific experience

**Technical and managerial capacity:** over 3,200 consultants and engineers employed, good pool of staff experienced in design and supervision

**Financial Strength:** Not evaluated, since the technical experience criteria is not met.

**Conclusion:** NOT ACCEPTABLE

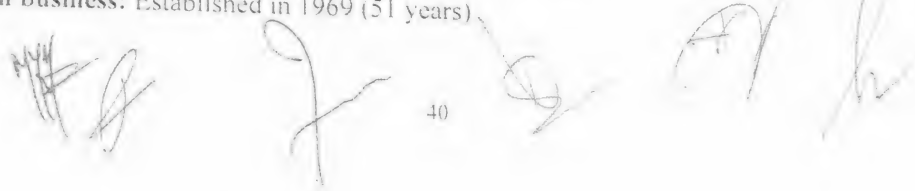
The consultant firm's specific experience does not fulfill the requirement as per the RfOI criteria. No project details have been provided under specific experience.

### 5.2.10 EoI-12: Tümas / Emay International / Rehman Habib

M/s Tümas (Turkey)

**Core business:** Consulting services in buildings, environment and water, industry, petroleum, gas and energy, transportation, marine structures, urban development (planning and pre-design, design, implementation and post-implementation, tendering)

**Years in business:** Established in 1969 (51 years)

 40

History of blacklisting: Not submitted

General technical experience:

No.	Project title	Location	Year	Project value [USD M]	Status
1	Project coordination and implementation unit of Ankara-Istanbul high-speed train project (contract and project management)	Turkey	2008-2019	3,200	completed, in operation
2	Construction of 114 km railway displacement between Palu-Gene-Mus (project management, construction supervision)	Turkey	2016-2019	569	completed, in operation
3	Reconstruction of Sincan-Ankara-Kayaş railway line (project management, construction supervision)	Turkey	2016-2019	222	completed, in operation
4	Supervision and consultancy services within 15 <sup>th</sup> region of Directorate General of Highways (project management, construction supervision)	Turkey	2017-2020	-	completed, in operation

Specific technical experience: No specific experience

Technical and managerial capacity: Over 700 employees (more than 450 engineers in various expertise), proposed joint pool of staff experienced in design and supervision

Financial Strength: Not evaluated, since the technical experience criteria is not met.

M/s EMAY International (Turkey)

Core business: Consulting services in buildings, transportation, water and environment, architecture, project planning and preparation, project implementation

Years in business: Established in 1980 (40 years)

History of blacklisting: Not provided.

General technical experience: Only general information on reference projects provided without completion status and implementation years. Although some projects are relevant to the nature of the project but no relevant information was provided against the clarifications sought from the consultant firm. These projects have been included in the company profile but not under the section of specific experience.

No.	Project title	Location	Year	Project value [USD M]	Status
1	Metrobus (BRT) System, Istanbul (design, project management, construction supervision)	Turkey	-	250	Completed, in operation
2	Uskudar-Unraniye-Cekmekoy metro (design review, project management, construction supervision)	Turkey	-	916	-
3	Kabatas-Mahmutbey metro (design review, project management, construction supervision)	Turkey	-	1,500	-
4	Atakoy-Ikitelli metro (design review, project management, construction supervision)	Turkey	-	338	-
5	Dudullu-Bostanci metro (design review, project management, construction supervision)	Turkey	-	559	-
6	Carsamba-terme-Unye-Fatsa railway (feasibility study, preliminary and detailed design, tender documentation)	Turkey	-	740	-

No.	Project title	Location	Year	Project value [USD M]	Status
7	Northern Marmara motorway (preliminary, final and as-built design, technical consultancy during construction)	Turkey	-	2,500	-
8	Gebze-Orhangazi-Izmir motorway (design review, project management, construction supervision)	Turkey	-	6,800	-
9	Bursa peripheral motorway (design review, construction supervision)	Bursa, Turkey	-	350	-
10	Izmir-Urla-Cesme motorway (project management, construction supervision)	Turkey	-	806	-
11	Izmir peripheral motorway and Aydin motorway (project management, construction supervision)	Izmir and Aydin, Turkey	-	1,632	-
12	Ovit tunnels at Ikizdere-Ispir highway (design review, project management, construction supervision)	Turkey	-	260	-
13	Dolmabahee-Dolapedere-Piyalepasa-Kagithane tunnels (preliminary, final and as-built design, technical consultancy during construction)	Turkey	-	200	-

**Specific technical experience:** Only general information on reference project provided without completion status and implementation years

No.	Project title	Location	Year	Project value [USD M]	Status
1	Otogar-Bagcilar-Ikitelli-Basakkontutlari metro (design review, project management, construction supervision)	Turkey	2008-2015	1,350	completed, in operation

**Technical and managerial capacity:** over 1,500 professional technical personnel, proposed joint pool of staff experienced in design and supervision

**Financial Strength:** Not evaluated, since the technical experience criteria is not met.

**M/s Rehman Habib (Pakistan)**

**Core business:** consultancy services in hydrology and water resources, architecture and structural engineering, transportation and traffic, project and contract management, environmental and public health, GIS and information technology (surveys and investigations, appraisals, pre-feasibility and feasibility studies, design, bidding documents, construction supervision and contract management, project management services, specialized services)

**Years in business:** Established in 2003, 17 years

**History of blacklisting:** Not provided

**General technical experience:** Design and Construction Supervision experience in low to average valued projects.

**Specific technical experience:** No specific experience

**Technical and managerial capacity:** No specific information on the staff capacity, proposed joint pool of staff experienced in design and supervision

**Financial Strength:** Not evaluated, since the technical experience criteria is not met.






**Conclusion:** NOT ACCEPTABLE

The consultant firm submitted their response to the clarifications sought wherein it was mentioned that the required documentary evidence of the projects, of specific experience, may not be provided since these projects are only included in the brief company presentation of M/s EMAY and not in the section of specific experience. Accordingly, the consultant firm's specific experience does not fulfill the requirement as per the RFOI criteria.

**5.2.11 EoI-13: Typsa / MMP**

**M/s TYPsa (Spain)**

**Core business:** Consulting services in transport, buildings, water, environment, energy and rural development (studies and planning, design, tendering support, construction services and infrastructure management)

**Years in business:** Established in 1966 (54 years)

**History of blacklisting:** Never. Declaration provided.

**General technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	Feasibility study of Santiago de Compostela LRT	Spain	2011-2013	250	completed services
2	Construction supervision for packages CTW 120, CTW 130 and 140 railway projects	Saudi Arabia	2013-2018	700	completed, in operation
3	Pre-investment study at the level of profile of the Nor Andino rail project of Peru Cajamarca-Bayóva	Peru	2009-2010	1,200	completed services
4	Stockholm metro, Kungsträdgården to Nacka and Gullmarsplan line (detailed design)	Sweden	2014-to now	1,500	services ongoing
5	Metro phase 1 underground tenders Qatar integrated railway project, package 2 & 4 (tendering support)	Qatar	2012-2013	1,100	completed services
6	Design and build tender phase - Riyadh metro project, 1, 6 lines double track metro system (design, tendering support)	Saudi Arabia	2012-2013	200	completed services
7	Riyadh metro project, package 3, lines 4, 5 and 6 (detailed design)	Saudi Arabia	2013-2017	23,500	completed services
8	Bhaupur-Khurja section of Eastern DFC railway project-1 (design review, contract management, supervision)	India	2013-2019	500	completed
9	Feasibility studies for package-3 (New Delhi-Kolkata) of diamond quadrilateral network of high speed rail corridors	India	2015-2016	500	completed services
10	Engineering design studies for the metro first line of Quito (detailed design)	Spain	2010-2012	530	completed services
11	Design and works supervision of the Lowari Railway Tunnel and access roads	Pakistan	2003-2008	7256	completed services



**Specific technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	New transport system of Astana BRT, phase I (concept design for design-built contract)	Kazakhstan	2014	500	completed services
2	Transport planning study and detailed design of Abu Dhabi urban transport network, including 2 LRT and one BRT lines	United Arab Emirates	2010-2014	1,906	completed services
3	Engineering designs studies for the Metro First Line of Quito (overall supervision and project coordination)	Spain	2014	530	completed services

**Technical and managerial capacity:** over 2,500 permanent staff (more than 1,600 engineers, architects and consultants), extensive pool of staff experienced mostly in design and studies

**Financial soundness:** financially stable, although turnover decreases for 5 years. Fulfills the REOI criteria.

**M/s MMP Mott McDonald (Pakistan)**

**Core business:** consultancy services in power, water, environment, structures, industry, transportation, urban infrastructure, public health engineering, social development (feasibility studies, design, construction management and supervision, operation and maintenance, institutional building and training)

**Years in business:** Established in 1966 (34 years)

**History of blacklisting:** Never. Declaration provided.

**General technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	Planning and detailed design of KPT Kolachi enclave development	Karachi, Pakistan	2006-2008	495	completed services
2	Project implementation consultancy services for Sindh water sector improvement project phase-I (detailed design, tendering assistance, construction supervision, contract administration)	Pakistan	2009-2019	270	completed
3	Design review of main line-I (Pakistan railways) and establishment of dry port near Havelian under China-Pakistan economic corridor (design review, bidding documentation)	Pakistan	2017-2020	9,170	completed services
4	Project management consultancy services for balance work of Islamabad international airport Project	Pakistan	2015-to now	1,430	ongoing implementation
5	Design review and project management of 870 MW Suki Kinari hydropower project (design review, construction supervision, contract management)	Pakistan	2016-to now	627	ongoing

**Specific technical experience:**

No.	Project title	Location	Year	Project value [USD M]	Status
1	Peshawar sustainable BRT corridor project (detailed design, bidding documentation, project management, construction supervision)	Pakistan	2017-2020	640	construction ongoing
2	Detailed engineering design and procurement for Karachi BRT Redline project	Pakistan	2017-2020	397	ongoing

**Technical and managerial capacity:** over 1,300 employees, extensive pool of staff experienced in design, studies and supervision

**Financial soundness:** financially stable, turnover increases. Fulfills the REOI criteria.

**Conclusion:** ACCEPTABLE

The consultant firm has provided satisfactory experience of providing the services as required in the EOI criteria, in general and specific projects of required value. The experience covers urban mass transit systems including BRT (experience of two BRT projects in Pakistan) and MRT projects. The staff experience and capacity demonstrated is satisfactory and sufficient to deliver the project.

**6 PROPOSED SHORTLIST**

Based on the above described evaluation process, and considering the strengths and weaknesses of each consultant that submitted its EOI for provision of the Consulting Services on Preparation of Detailed Design, Procurement Assistance and Construction Supervision for Karachi Mobility Project ( Yellow BRT); the CSC proposes the following short list composed of **four** consultants.



# MEMBERSHIP LIST

MEMBERSHIP LIST

Director General, Customs & Excise, Pakistan  
Headquarters, JV

Minister, Industries, Commerce & Power, Pakistan

Secretary, Government of Punjab

Minister, Industries, Commerce & Power, Punjab

Minister, Industries, Commerce & Power, Punjab

Minister, Industries, Commerce & Power, Punjab

Minister, Industries, Commerce & Power, Punjab  
Minister, Industries, Commerce & Power, Punjab

Minister, Industries, Commerce & Power, Punjab

Karachi, 10<sup>th</sup> September 2020

NO.	NAME OF THE CSC MEMBERS	SIGNATURE
1.	Director General, SMI Minister, Industries, Commerce & Power, Punjab	
2.	Director General, Industries, Commerce & Power, Punjab Minister, Industries, Commerce & Power, Punjab	
3.	Director General, Industries, Commerce & Power, Punjab Minister, Industries, Commerce & Power, Punjab	
4.	Director General, Industries, Commerce & Power, Punjab Minister, Industries, Commerce & Power, Punjab	
5.	Director General, Industries, Commerce & Power, Punjab Minister, Industries, Commerce & Power, Punjab	
6.	Director General, Industries, Commerce & Power, Punjab Minister, Industries, Commerce & Power, Punjab	
7.	Director General, Industries, Commerce & Power, Punjab Minister, Industries, Commerce & Power, Punjab	
8.	Director General, Industries, Commerce & Power, Punjab Minister, Industries, Commerce & Power, Punjab	
9.	Director General, Industries, Commerce & Power, Punjab Minister, Industries, Commerce & Power, Punjab	
10.	Director General, Industries, Commerce & Power, Punjab Minister, Industries, Commerce & Power, Punjab	

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7 APPENDICES

7.1 REQUEST FOR EXPRESSION OF INTEREST (ORIGINAL ADVERTISEMENT WITH DEADLINE OF 17<sup>TH</sup> MARCH 2020)

Khaleej Times (21<sup>st</sup> February 2020)

**China beating Pak students at Olympic**

**NIMROD COLLEGE HOLDS CONVOCATION**

**Top law officer quits after row with court**

**Mumbai: Army to train in 30 days**

**Mumbai: Army to train in 30 days**

**Mumbai: Army to train in 30 days**


**Nothing in Islamic about polio vaccine drops say clerics**

**REQUEST FOR EXPRESSION OF INTEREST**

**Procurement of Consulting Services for the Preparation of a Study on the Impact of the COVID-19 Pandemic on the Economy of the United Arab Emirates**

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 <b>Sindh Mass Transit Authority</b>		<b>REQUEST FOR EXPRESSION OF INTEREST</b>	
<b>Procurement of Consulting Services (Firm) for the Preparation of Detailed Design, Procurement Support and Construction Supervision Services</b>			
Name of Country:	Islamic Republic of Pakistan	Name of Project:	Karachi Mobility Project - Phase 2a
Location:	BRD, BQ95, PK	Reference No.:	PA-SMTA-122805-0807095
Client:	Sindh Mass Transit Authority (SMTA), Government of Sindh		
<p>1. Track Record</p> <p>2. General Technical Experience</p> <p>3. Specific Technical Experience</p> <p>4. General Managerial Capacity &amp; Financial Strength</p>			
<p>Sindh Mass Transit Authority, Transport &amp; Mass Transit Department, Government of Sindh Director Projects / Infrastructure, House # 20, Street No. 9, Khayaban-e-Shamshad, DHA, Karachi, Pakistan. Tel: 92-21-98332011 Email: kmp.infra@smta@gmail.com and director.infra@smta@gmail.com. Web: <a href="http://www.karachimove.pk/SMTA">http://www.karachimove.pk/SMTA</a></p> <p>Say No to Corruption</p>			

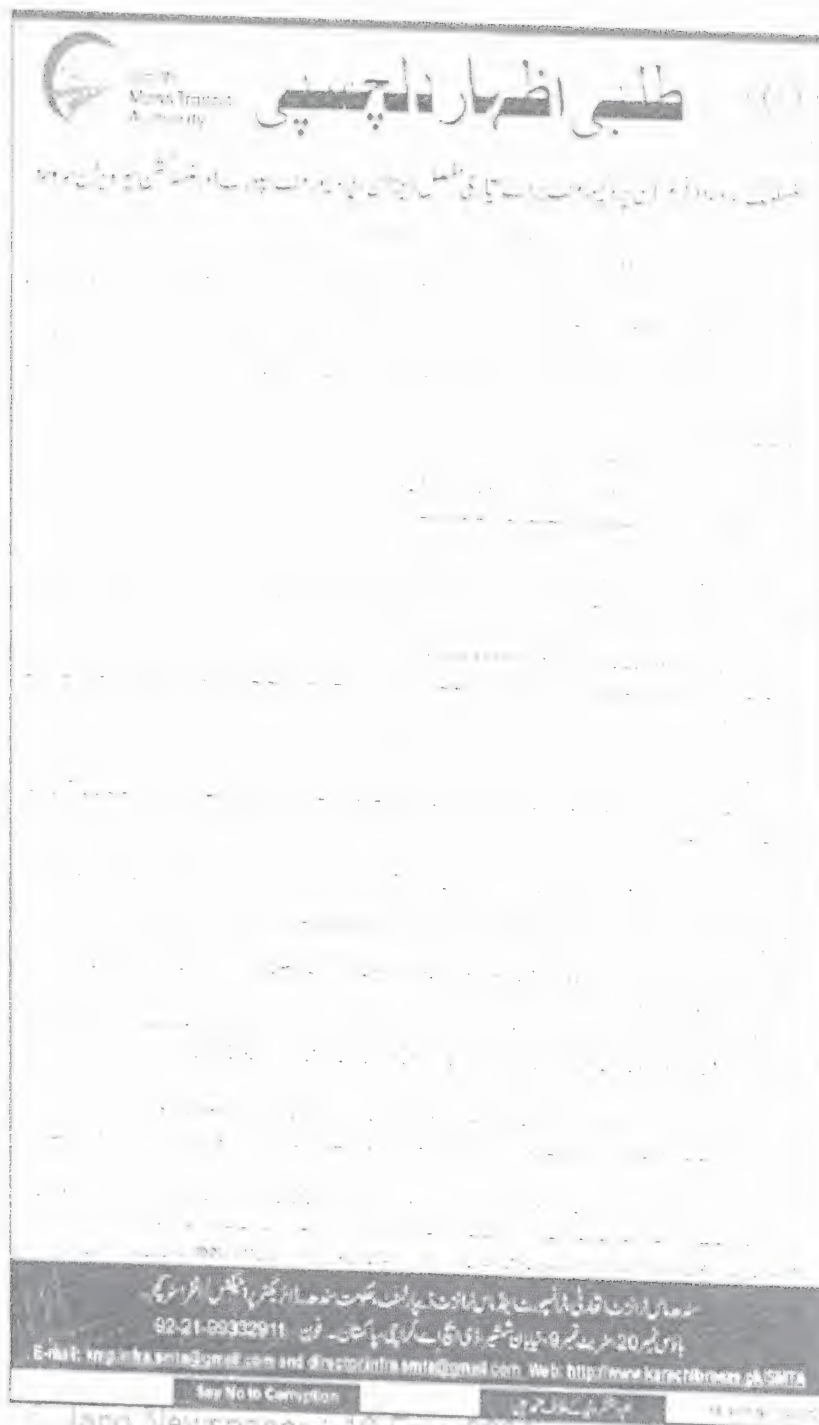
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	Sindh Mass Transit Authority	<b>REQUEST FOR EXPRESSION OF INTEREST</b>
	<b>Procurement of Consulting Services (Firm) for the Preparation of Detailed Design, Procurement Support and Construction Supervision Services</b>	
<p>1. PROJECT NAME: <b>Phase II Extension of the M-8 Motorway from KM 10.5 to KM 15.5</b></p> <p>2. PROJECT LOCATION: <b>Phase II Extension of the M-8 Motorway from KM 10.5 to KM 15.5</b></p> <p>3. PROJECT DESCRIPTION: <b>Phase II Extension of the M-8 Motorway from KM 10.5 to KM 15.5</b></p> <p>4. PROJECT BUDGET: <b>Phase II Extension of the M-8 Motorway from KM 10.5 to KM 15.5</b></p> <p>5. PROJECT START DATE: <b>Phase II Extension of the M-8 Motorway from KM 10.5 to KM 15.5</b></p> <p>6. PROJECT END DATE: <b>Phase II Extension of the M-8 Motorway from KM 10.5 to KM 15.5</b></p> <p>7. PROJECT STATUS: <b>Phase II Extension of the M-8 Motorway from KM 10.5 to KM 15.5</b></p> <p>8. PROJECT OWNER: <b>Phase II Extension of the M-8 Motorway from KM 10.5 to KM 15.5</b></p> <p>9. PROJECT CONTACT: <b>Phase II Extension of the M-8 Motorway from KM 10.5 to KM 15.5</b></p> <p>10. PROJECT WEBSITE: <b>Phase II Extension of the M-8 Motorway from KM 10.5 to KM 15.5</b></p>		
<p>Sindh Mass Transit Authority, Transport &amp; Mass Transit Department, Government of Sindh Director Projects (Infrastructure) House # 20, Street No. 3, Khayaban-e-Shamshoor, DHA, Karachi, Pakistan. Tel: 92-21-99332911 Email: <a href="mailto:help.infr.smta@gmail.com">help.infr.smta@gmail.com</a> and <a href="mailto:director.infr.smta@gmail.com">director.infr.smta@gmail.com</a>, Web: <a href="http://www.karachiexpress.pl/SMTA">http://www.karachiexpress.pl/SMTA</a></p> <p>Buy No to Corruption</p>		

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**CORRIGENDUM  
REQUEST FOR  
EXPRESSION OF INTEREST**

**Procurement of Consulting Services (Firm) for the  
Preparation of Detailed Design, Procurement Support  
and Construction Supervision Services**

Name of Country: Islamic Republic of Pakistan  
Name of Project: Karachi Mobility Project - Yellow BRT  
Loan No: IBRD 8995-PK  
Reference No: PK-SMTA-122605-CS-QCBS  
Client: Sindh Mass Transit Authority (SMTA),  
Government of Sindh

Reference to the Advertisement (INF/KRY) No. 549/2020 published  
in the daily Express Tribune, the daily Jang, the daily Dawn  
(19th February 2020) and the Khaleesi Times (21st February 2020).  
The Expression of Interest (EOI) submission date is extended until  
6th April 2020 05:00 p.m. Pakistan Time. Please submit your EOI  
later than the extended date and time.

Further information may be obtained at the address below, during  
office hours (09:00 – 17:00 hours) or through below mentioned email  
addresses. The consultants are also advised to regularly visit the  
below mentioned website for updates regarding the matter.

Expressions of Interest should be submitted in person or by post (one  
original and two copies) or through email (electronic form) at the  
below mentioned email addresses, no later than 05:00 p.m.  
Monday 6th April 2020. This is a one-time and final extension of the  
EOI submission date.

**Sindh Mass Transit Authority,  
Transport & Mass Transit Department,  
Government of Sindh  
Director Projects / Infrastructure,  
House # 20; Street No. 9; Khayaban-e-Shamsheer,  
DHA, Karachi, Pakistan. Tel: 92-21-99332911  
E-mail: [kmp.infra.smta@gmail.com](mailto:kmp.infra.smta@gmail.com) and  
[director.infra.smta@gmail.com](mailto:director.infra.smta@gmail.com)  
Web: <http://www.karachibreeze.pk/SMTA>**

**Say No to Corruption** ہم دھوکے سے باز رہیں

098-3174467/2020

Handwritten signatures and initials are present below the advertisement.

## 7.2 DECISION ON THE APPOINTMENT OF THE EVALUATION COMMITTEE

Notification SO(C-IV)SGA&CD/Notification-Trpt/2020 dated 13<sup>th</sup> May 2020

GOVERNMENT OF SINDH SERVICES, GENERAL ADMINISTRATION & COORDINATION DEPARTMENT		
Karachi dated the 13 <sup>th</sup> May, 2020.		
<b>NOTIFICATION</b>		
No. SO(C-IV)SGA&CD/Notification-Trpt/2020. A Consultant Selection Committee is hereby constituted to carry the entire procurement process for hiring of Procurement Consultancy Services under ADP Scheme No.22 Karachi Urban Mobility Project- Yellow Line BRTs Project.		
The composition and Terms of References (ToRs) of the Committee are as under:-		
S.NO.	DESIGNATION	STATUS
1.	Managing Director, SMTA, Government of Sindh	Chairman
2.	Director Infrastructure / Projects SMTA, Government of Sindh	Member
3.	Chief Consultant TMTD, Government of Sindh	Member
4.	Director Finance & Accounts, SMTA, Government of Sindh	Member
5.	Director ITS, SMTA, Government of Sindh	Member
6.	A representative of P&D Department not below the rank of BS-18	Member
7.	A representative from Finance Department Government of Sindh not below the rank of BS-18	Member
<b>Terms of References (ToRs)</b>		
i) Preparing and / or Reviewing bidding documents / request for proposals		
ii) Carrying out technical as well as financial evaluation of the bids / proposals		
iii) Making recommendations for the award of contract and managing the contracts		
iv) Perform any other function ancillary and incidental to the above		
SO(C-IV)SGA&CD/Notification-Trpt/2020		MUMTAZ ALI SHAH CHIEF SECRETARY, SINDH
By is forwarded for information & necessary action to:-		Karachi, dated 13 <sup>th</sup> May, 2020
1.	The Chairman Member (all of the Committee)	
2.	PS to Chairman, P&D Board, Government of Sindh, Karachi.	
3.	PS to Secretary, Finance Department, Government of Sindh, Karachi	
4.	PS to Secretary Transport & Mass Transit Department, Govt. of Sindh, Karachi	
5.	PS to Managing Director, SMTA, Government of Sindh, Karachi	
6.	Notification File.	
		(JUNAID IQBAL KHAN) PAS DEPUTY SECRETARY (I&C)

Notification SO(C-IV)/SGA&CD-Notification-Trpt/2020 dated 28<sup>th</sup> July 2020

## NOTIFICATION

### Terms of Reference:

MUMTAZ ALI SHAH  
HIEP-RECHER

NO:50(C-IV)SG&amp;CD/Notification-Trpt/2020

Kuala Lumpur, dated 28<sup>th</sup> July, 2020.

292

(CALI AHMED) 21 000000

### 7.3 SUMMARY OF EVALUATION INDICATORS

Handwritten signatures and initials are present in this section, including a large signature on the left, a stylized 'f' in the center, and several smaller signatures and initials on the right.



Reference No.	Name of the Firm(s)	Country	No Blacklisting (understanding provided)	Track Record (15 years)	Combined General Technical Experience (6 infra projects > US\$ 200 million each)	Combined Specific Technical Experience (6 similar projects > US\$ 250 million each)	Overall M/Managerial Capacity (strong technical and managerial team)	Financial Strength (positive net worth during the last 5 years)
E01	V.T. Borel Engineering Consulting Corp	Taiwan	not concerned	Yes	Yes	No	Yes	Yes
E112	M. Dorval Henders	Lebanon	Yes	Yes	Yes	Yes	Yes	Yes
E011	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E014	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E116	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E015	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E117	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E118	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E119	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E120	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E121	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E122	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E123	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E124	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E125	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E126	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E127	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E128	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E129	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E130	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E131	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E132	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E133	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E134	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E135	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E136	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E137	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E138	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E139	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E140	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E141	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E142	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E143	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E144	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E145	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E146	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E147	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E148	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E149	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E150	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E151	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E152	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E153	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E154	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E155	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E156	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E157	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E158	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E159	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E160	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E161	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E162	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E163	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E164	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E165	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E166	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E167	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E168	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E169	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E170	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E171	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E172	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E173	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E174	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E175	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E176	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E177	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E178	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E179	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E180	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E181	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E182	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E183	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E184	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E185	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E186	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E187	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E188	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E189	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E190	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E191	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E192	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E193	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E194	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E195	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E196	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E197	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E198	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E199	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes
E200	M. Dorval Henders	Lebanon	Yes	Yes	Yes	No	Yes	Yes

Ed. 1 <sup>a</sup>	M. SCE	Faculty	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2423	2424	2425	2426	2427	2428	2429	2430	2431	2432	2433	2434	2435	2436	2437	2438	2439	2440	2441	2442	2443	2444	2445	2446	2447	2448	2449	2450	2451	2452	2453	2454	2455	2456	2457	2458	2459	2460	2461	2462	2463	2464	2465	2466	2467	2468	2469	2470	2471	2472	2473	2474	2475	2476	2477	2478	2479	2480	2481	2482	2483	2484	2485	2486	2487	2488	2489	2490	2491	2492	2493	2494	2495	2496	2497	2498	2499	2500	2501	2502	2503	2504	2505	2506	2507	2508	2509	2510	2511	2512	2513	2514	2515	2516	2517	2518	2519	2520	2521	2522	2523	2524	2525	2526	2527	2528	2529	2530	2531	2532	2533	2534	2535	2536	2537	2538	2539	2540	2541	2542	2543	2544	2545	2546	2547	2548	2549	2550	2551	2552	2553	2554	2555	2556	2557	2558	2559	2560	2561	2562	2563	2564	2565	2566	2567	2568	2569	2570	2571	2572	2573	2574	2575	2576	2577	2578	2579	2580	2581	2582	2583	2584	2585	2586	2587	2588	2589	2590	2591	2592	2593	2594	2595	2596	2597	2598	2599	2600	2601	2602	2603	2604	2605	2606	2607	2608	2609	2610	2611	2612	2613	2614	2615	2616	2617	2618	2619	2620	2621	2622	2623	2624	2625	2626	2627	2628	2629	2630	2631	2632	2633	2634	2635	2636	2637	2638	2639	2640	2641	2642	2643	2644	2645	2646	2647	2648	2649	2650	2651	2652	2653	2654	2655	2656	2657	2658	2659	2660	2661	2662	2663	2664	2665	2666	2667	2668	2669	2670	2671	2672	2673	2674	2675	2676	2677	2678	2679	2680	2681	2682	2683	2684	2685	2686	2687	2688	2689	2690	2691	2692	2693	2694	2695	2696	2697	2698	2699	2700	2701	2702	2703	2704	2705	2706	2707	2708	2709	2710	2711	2712	2713	2714	2715	2716	2717	2718	2719	2720	2721	2722	2723	2724	2725	2726	2727	2728	2729	2730	2731	2732	2733	2734	2735	2736	2737	2738	2739	2740	2741	2742	2743	2744	2745	2746	2747	2748	2749	2750	2751	2752	2753	2754	2755	2756	2757	2758	2759	2760	2761	2762	2763	2764	2765	2766	2767	2768	2769	2770	2771	2772	2773	2774	2775	2776	2777	2778	2779	2780	2781	2782	2783	2784	2785	2786	2787	2788	2789	2790	2791	2792	2793	2794	2795	2796	2797	2798	2799	2800	2801	2802	2803	2804	2805	2806	2807	2808	2809	2810	2811	2812	2813	2814	2815	2816	2817	2818	2819	2820	2821	2822	2823	2824	2825	2826	2827	2828	2829	2830	2831	2832	2833	2834	2835	2836	2837	2838	2839	2840	2841	2842	2843	2844	2845	2846	2847	2848	2849	2850	2851	2852	2853	2854	2855	2856	2857	2858	2859	2860	2861	2862	2863	2864	2865	2866	2867	2868	2869	2870	2871	2872	2873	2874	2875	2876	2877	2878	2879	2880	2881	2882	2883	2884	2885	2886	2887	2888	2889	2890	2891	2892	2893	2894	2895	2896	2897	2898	2899	2900	2901	2902	2903	2904	2905	2906	2907	2908	2909	2910	2911	2912	2913	2914	2915	2916	2917	2918	2919	2920	2921	2922	2923	2924	2925	2926	2927	2928	2929	2930	2931	2932	2933	2934	2935	2936	2937	2938	2939	2940	2941	2942	2943	2944	2945	2946	2947	2948	2949	2950	2951	2952	2953	2954	2955	2956	2957	2958	2959	2960	2961	2962	2963	2964	2965	2966	2967	2968	2969	2970	2971	2972	2973	2974	2975	2976	2977	297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7.4 MINUTES OF CONSULTANT SELECTION COMMITTEE MEETING

*[Handwritten signatures and initials]*



GOVERNMENT OF SINDH  
SINDH MASS TRANSIT AUTHORITY

Dated: 19<sup>th</sup> June 2020

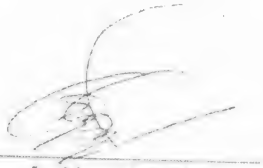
MINUTES OF 1<sup>st</sup> CONSULTANT SELECTION COMMITTEE MEETING FOR  
KARACHI MOBILITY PROJECT YELLOW BRT.

Consultant Selection Committee meeting of Karachi Mobility Project Yellow BRT was held on 19<sup>th</sup> June 2020 at 11:30 am (Committee Room), Sindh Mass Transit Authority office No. 20, Street No. 9, Khayaban-e-Shamsheer, Phase-V, DHA, Karachi under the chairmanship of Managing Director, SMTA. List of participants is attached as (Annexure "A").

1. Managing Director, SMTA, GoS initiated the meeting by welcoming all the participants. Mr. Ashraf Lakho (Chief Consultant), TMTD attended the meeting, however due to Covid-19 smart lockdown Mr. Niaz Ali, (Director ITS) could not attend the meeting but he was online via Skype. Mr. Yousuf Munir, Director Infrastructure/ Projects had to attend meeting via skype but he informed that he is not feeling well because of Covid positive and he was on call with Managing Director, SMTA. Mr. Sikandar Ali Sheikh (Chief Transport) P&I Department could not attend the meeting on skype due to non-availability of light. Mr. Rafay Ali Laghari Director (Finance & Accounts) attended the meeting on skype. Mr. Muhammad Danish (Director Finance), PPP Unit, was supposed to attend the meeting via skype but he could not attend the meeting on skype.
2. It was informed that Expression of Interest (EOI) was invited in all leading newspapers on 19<sup>th</sup> February 2020, the last date for the submission of Expression of Interest was 17<sup>th</sup> March 2020, copy of advertisement is attached as (Annexure "B"), but due to outbreak of Covid-19 across the world and up on the request of bidders a corrigendum was issued to extend the last date of submission of Expression of Interest by 6<sup>th</sup> April 2020.
3. In response, thirteen (13) firms had submitted the Expression of Interest in hard and soft copy as well. List is attached as (Annexure "C"). Director Infrastructure/ Projects, SMTA have already shared soft copy of Expression of Interest received from consulting firms with all members of Consultant Selection Committee to expedite the process of shortlisting of consultant.



4. Furthermore, it was informed that preliminary evaluation of EOI's is being in process by the members of Consultant Selection Committee i.e. Yousuf Munir, Director Infrastructure Projects, SMTA, Rafay Ali Laghari, Director Finance & Accounts, SMTA, Niaz Ali, Director ITS, SMTA, Director Infrastructure/ Projects, SMTA will brief the preliminary evaluation of all the Expression of Interest in the next CSC meeting to be held on 26<sup>th</sup> June, 2020 at 3:00 pm at SMTA office.
5. In the meeting it was proposed by the members who attended the meeting, that all members of CSC will go through all the EOIs and submit their queries / observations by 24<sup>th</sup> June, 2020 via email [managingdirector.smta@gmail.com](mailto:managingdirector.smta@gmail.com).
6. The meeting adjourned with the vote of thanks to and from the chair.

  
Rafay Ali Laghari  
Director Finance & Accounts  
SMTA, GoS  
Ashraf Ali Lakho  
Chief Consultant  
TMTD, GoS  
Iqtidar Ahmed  
Managing Director,  
SMTA, GoS

## ATTENDANCE SHEET

[illegible]



GOVERNMENT OF SINDH  
SINDH MASS TRANSIT AUTHORITY

Subject:

MINUTES OF 2<sup>ND</sup> CONSULTANT SELECTION COMMITTEE (CSC) FOR  
KARACHI MOBILITY PROJECT YELLOW LINE BRT.

The second meeting of the Consultant Selection Committee [the Committee] was held on 25<sup>th</sup> June 2020. The chair of the CSC welcomed the members and introduced the Project Director of the Karachi Mobility Project - Yellow BRT [the Project] who has been recently notified vide S&GAD notification *SOI/SGI&CD/-3-20/2019* dated 15<sup>th</sup> June 2020. As a matter of understanding, the Committee was given a brief on the Project. It was informed to the Committee that this procurement exercise is meant to procure consultancy services for undertaking Detailed Design, Procurement Support and Construction Supervision.


2. It was informed to the Committee that the Request for Expression of Interest [the RFOI] was prepared considering the complexity, scale and nature of the Project. In compliance of the World Bank Procurement Regulations for IPF Borrowers July 2016, revised November 2017 and August 2018 (the Procurement Regulations), Annex II (No. 7), the RFOI document duly prepared by the SMTA and was approved by the World Bank for publishing (**Annexure A**). The RFOI was first published with the deadline of 17<sup>th</sup> March 2020 but later this deadline was extended till 6<sup>th</sup> April 2020 considering the global Covid-19 issue (**Annexure B**). In response to the RFOI, thirteen firms submitted their EOIs (list of firms are at **Annexure C**) which now needs to be evaluated for shortlisting / pre-qualification purpose. The Committee discussed the overall RFOI document and shortlisting criteria and it was decided to accord a post-facto approval on the same. Furthermore, it was proposed that the Committee needs to be re-constituted and the Project Director be included in the Committee. It was decided that a request to the Transport & Mass Transit Department will be sent to include following two members in the Committee.

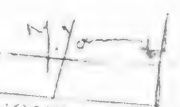
- i) Project Director - Karachi Mobility Project
- ii) Deputy Director (Contracts/Procurement), SMTA

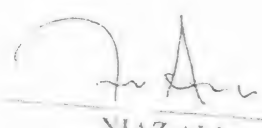
3. It was agreed that the evaluation of the EOI's will be discussed in the subsequent Committee meeting. The Chair requested the members to go through the EOI documents for better understanding and clarity.


Decisions:


- i) The Committee agreed to accord post-facto approval on the REOI being published in accordance with the Procurement Regulations.
- ii) A request will be sent to the TMTD to include the Project Director and the Deputy Director Contracts, SMTA in the CSC.


  
RAFAY LAGHARI  
Director Finance &  
Accounts  
SMTA, GoS

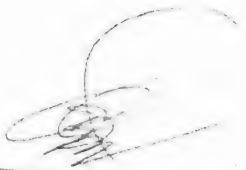
  
YOUSUF MUNIR  
Director Projects /  
Infrastructure  
SMTA, GoS

  
NIAZ ALI  
Director ITS  
SMTA, GoS

  
MUHAMMAD DANISH  
Director Finance  
PPP Unit,  
Finance Department GoS

  
SINKANDAR ALI SHAIKH  
Chief Transport  
P&D GoS

  
ASHRAF ALI LAKHO  
Chief Consultant  
TMTD, GoS

  
IQTIDAR AHMED  
Managing Director  
SMTA, GoS

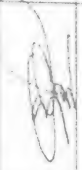








MINUTES OF 2ND CONSULTANT SELECTION COMMITTEE (CSC)  
FOR KARACHI MOBILITY PROJECT (YELLOW LINE BRT)

Date: 06-07-2020

SELECTION COMMITTEE MEMBERS ONLY

Time: 1:00 PM

S.NO	NAME	DESIGNATION	CONTACT NO.	EMAIL	SIGNATURE	REMARKS
1	IQTIDAR AHMED	M. J. SA. M	0133-2276116			
02.	Muhammad Young Nwari	DIRECTOR PROJECTS	0321 877 3974			
03	RAHIM AHMED	Director (Finance & Admin)	0321-5444428			
04	ASRAF ALI LATIF	Chief Consultant	021-62551561			
05	Shikandar Ali	Chief (Transport)	0306-279373			
06	Niaz Ali	Dir: ITS	0345-3572855			
07	Y. Nwari	Dir: ITS				

7/6/2020

Gmail - Review Request for Expression of Interest submitted by SMTA for Pakistan - P166732 - Karachi Mobility Project - PK-SMTA-1..

Muhammad Yousuf Munir <director.infra.smta@gmail.com>

**Review Request for Expression of Interest submitted by SMTA for Pakistan - P166732 - Karachi Mobility Project - PK-SMTA-122605-CS-QCBS - Activity -1 Title: P**

STEP Admin <noreply@worldbankgroup.org>

Fri, Feb 14, 2020 at 4:48 PM

To: hzardi@worldbank.org, sdahdah@worldbank.org

Cc: director.infra.smta@gmail.com, rafay.laghari.smta@gmail.com, hraza@worldbank.org,

projectengineer.brt.ol@gmail.com, managingdirector.smta@gmail.com, planning.smtc@gmail.com

Muhammad Yousuf- Sindh Mass Transit Authority has submitted the Procurement Notice for Pakistan - P166732 - Karachi Mobility Project - PK-SMTA-122605-CS-QCBS - Expression of Interest for Review

Dear World Bank Team,

Thank you very much for your prompt response to our earlier submission. Based on the NOC on the Outlines of TOR, we are hereby submitting the EOI for your further necessary action. Meanwhile we will continue working to prepare detailed and comprehensive TORs as advised.

Best Regards,

Yousuf Munir

STEP System Users -

Bank Users -



7/6/2020

Gmail - Review Request for Terms of Reference Submitted by SMTA for Pakistan - P166732 - Karachi Mobility Project - PK-SMTA-12

Gmail

Muhammad Yousuf Munir <director.infra.smta@gmail.com>

**Review Request for Terms of Reference Submitted by SMTA for Pakistan -  
P166732 - Karachi Mobility Project - PK-SMTA-122605-CS-QCBS - Activity -1 Title:  
P**

STEP Admin <noreply@worldbankgroup.org>

To: hzaidi@worldbank.org, sdandah@worldbank.org

Fri, Feb 14, 2020 at 4:01 PM

Cc: director.infra.smta@gmail.com, rafay.laghari.smta@gmail.com, haza@worldbank.org,  
projectengineer.brt.ol@gmail.com, managingdirector.smta@gmail.com, planning.smta@gmail.com

Muhammad Yousuf- Sindh Mass Transit Authority has submitted Terms of Reference for Pakistan - P166732 - Karachi Mobility Project - PK-SMTA-122605-CS-QCBS to the Bank for Review

Dear Team,

We have uploaded the OUTLINES of TOR and the EOI, for the NOC through the STEP.

Best Regards,

Yousuf Munir

STEP System Users - [Click Here](#)

Bank Users - [Click here](#)

7/6/2020

Gmail - No Objection to Expression of Interest submitted by SMTA for Pakistan - P166732 - Karachi Mobility Project - PK-SMTA-1226

Muhammad Yousuf Munir <director.infra.smta@gmail.com>

**No Objection to Expression of Interest submitted by SMTA for Pakistan - P166732  
- Karachi Mobility Project - PK-SMTA-122605-CS-QCBS - Activity -1 Title: P**

STEP Admin <noreply@worldbankgroup.org>

To: director.infra.smta@gmail.com

Fri Feb 14 2020 at 4:56 PM

Cc: director.infra.smta@gmail.com, hrzaa@worldbank.org, projectengineer.brt.ol@gmail.com, hzaidi@worldbank.org, sdahdah@worldbank.org

Dear Muhammad Yousuf:

Pakistan-P166732-Karachi Mobility Project, Ln./Cr # IBRD-89950; No-Objection to Expressions of Interest for Activity -1 Title: Procurement of Consulting Services for Detail design, procurement support and construction supervision – Quality And Cost-Based Selection – Reference No. PK-SMTA-122605-CS-QCBS

We have reviewed the draft request for Expressions of Interest for the above-mentioned consulting services submitted to the Bank on 2020/02/14. Based on the information provided, the Bank has no objection to the text of the request.

In accordance with the requirements in the applicable Regulations (Guidelines) please ensure publication of the request for Expression of Interest in the national press, your website and in UNDB Online.

Notices will be automatically published in UNDB Online and the World Bank's external website upon receiving the Bank's No Objection

Best Regards,

Said Dahdah

STEP System Users - 

Bank Users -   




7/6/2020

Gmail - No Objection to Terms of Reference submitted by SMTA for Pakistan - P166732 - Karachi Mobility Project - PK-SMTA-122605

Muhammad Yousuf Munir <director.infra.smta@gmail.com>

**No Objection to Terms of Reference submitted by SMTA for Pakistan - P166732 - Karachi Mobility Project - PK-SMTA-122605-CS-QCBS - Activity -1 Title: P**

STEP Admin <noreply@worldbankgroup.org>

To: director.infra.smta@gmail.com

Fri, Feb 14 2020 at 4:29 PM

Cc: director.infra.smta@gmail.com, haza@worldbank.org, projectengineer.brt.ol@gmail.com, hzaiddi@worldbank.org, sdahdah@worldbank.org

Dear Muhammad Yousuf,

Pakistan-P166732.Karachi Mobility Project, Ln./Cr # IBRD-89950; No-Objection to Terms of Reference for Activity -1  
Title: Procurement of Consulting Services for Detail design, procurement support and construction supervision –  
Quality And Cost-Based Selection – Reference No. PK-SMTA-122605-CS-QCBS

We have reviewed the draft outline Terms of Reference (ToR) for the above-mentioned consulting services, submitted to the Bank on 2020/02/14. Based on the information provided, the Bank has no objection to the outline ToR for inclusion in the EOI.

You may now further develop these outline ToR to make them detailed and comprehensive ( including safeguards aspects) and include as a part of the RFP for PK-SMTA-122605-CS-QCBS

We look forward to receiving a draft of the completed RFP and Short-list for the above-mentioned consulting services for our review and further no objection.

Best Regards,

Said Dahdah

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Bank Users - [Click here](#)



Sindh  
Mass Transit  
Authority

## REQUEST FOR EXPRESSION OF INTEREST



### Procurement of Consulting Services (Firm) for the Preparation of Detailed Design, Procurement Support and Construction Supervision Services

**Name of Country:** Islamic Republic of Pakistan  
**Name of Project:** Karachi Mobility Project – Yellow BRT  
**Loan No:** IBRD 8995-PK  
**Reference No.:** PK-SMTA-122605-CS-QCBS  
**Client:** Sindh Mass Transit Authority (SMTA), Government of Sindh

The Islamic Republic of Pakistan has received financing from the World Bank toward the cost of the Karachi Mobility Project – Yellow BRT [the Project] and intends to apply part of the proceeds for the consulting services for **Preparation of Detailed Design, Procurement Support and Construction Supervision Services** [the Services].

The Project corridor is approximately 21 km long, starting from Dawood Chowrangi to Numaish [via Korangi Road, Shahrah-e-Faisal and Shahrah-e-Quaideen] and is part of the overall Karachi Mass Transit System. The Project is also comprised of two bus depots and approximately 67 km of smaller off-corridor roads [direct and feeder routes] which would be improved as part of the Project. The Project follows the integrated corridor management approach with the overarching objective to improve mobility, accessibility and safety along its alignment.

The objectives of the required Services are:

1. To prepare Detailed Design along the Yellow BRT Corridor and the Off-corridors.
2. To prepare the bidding documents for construction contracts and to provide necessary procurement and technical assistance to the Client during the bidding processes.
3. To prepare Employer's Requirements and supervise works for a part of the project to be undertaken through Design-Build contract.
4. To provide Construction Supervision services.
5. To implement Building Information Modeling for constructing the whole of the asset digitally and using this model to support all stakeholders during the complete lifecycle of the project.

The estimated duration of the services is sixty (60) months from the contract signing till the completion of the Defect Notification Period (DNP). The consultants would be required to field a multi-disciplinary team of professional and support staff with rich experience in projects of similar scale, nature and complexity. The consultants shall work with the Project Management Team of the Client to carry out the above tasks.

The outlines of Terms of Reference for the Services may be found at <http://www.karachibreeze.pk/smta> under the section of Yellow BRT.

The SMTA now invites eligible and experienced consulting firms to submit their interest in providing the Services. Interested consulting firms are required to provide only the pertinent information demonstrating the required qualifications and skills along-with relevant experience to perform the Services. The shortlisting criteria is as under:

NO.	CRITERIA
1.	<b><u>Track Record:</u></b> Firm's corporate capacity and profile for minimum of last 15 years [core business areas, policies, vision & mission, experience in urban transport and mass transit projects, financial details, achievements]. The consultants must never have been black-listed by any client or have left any project incomplete.
2.1	<b><u>General Technical Experience:</u></b> Proven general experience of providing the consulting Services in infrastructure development projects during the past 15 years. The consultants should be able to demonstrate the successful completion of at least 6 projects – each worth minimum of US\$ 200 million or above.
2.2	<b><u>Specific Technical Experience:</u></b> Proven specific experience of providing the consulting Services on projects of similar nature comparing the complexity and cost of the Project. The consultants should have successfully completed minimum of 4 projects of specific experience each worth minimum of US\$ 250 million or above, undertaken in last 10 years. The consultants are required to provide an evidence (project description, client's details, completion certificate, role of the consultant on the presented project including worth & duration of the services provided, any specific innovative practice adopted to meet the project objectives, etc.) to demonstrate their general and specific experience. The projects of similar scale, nature and complexity undertaken in Pakistan or South Asian region may be given priority if deemed appropriate.
3.	<b><u>Overall Managerial Capacity &amp; Financial Strength:</u></b> Consultants are required to demonstrate strong technical and managerial staff employed by them and evidence of positive net-worth to be substantiated by submitting certified audit reports of last five years.

The attention of the interested consultants is drawn to Section III – Governance: 3.14 [Conflict of Interest], 3.16 and 3.17 [Consulting Services] of the World Bank's Procurement Regulations for IFF Borrowers July 2016, revised November 2017 and August 2018

Consultants may associate with other firms to enhance their qualifications, but should indicate clearly whether the association is in the form of a joint venture and/or a sub-consultancy. In the case of a joint venture, all the partners in the joint venture shall be jointly and severally liable for the entire contract, if selected.

A consultant will be selected in accordance with the Quality and Cost Based Selection method set out in the above-mentioned World Bank's Procurement Regulations.

Further information may be obtained at the address below during office hours [09:00 – 17:00 hours].

Expressions of interest must be delivered, complete in all respects, to the address below in person or by courier by 17<sup>th</sup> March 2020.

Sindh Mass Transit Authority  
Transport & Mass Transit Department, Government of Sindh  
Director Projects / Infrastructure  
House # 20: Street No. 9: Khayaban-e-Shamsheer: DHA, Karachi, Pakistan  
Tel: 92-21-99332911  
E-mail: [kmp.infra@smta.gov.pk](mailto:kmp.infra@smta.gov.pk) and [director.infra@smta.gov.pk](mailto:director.infra@smta.gov.pk)  
Web: <http://www.karachibreeze.pk> SMTA

Islamic Republic of Pakistan  
Government of Sindh  
**Sindh Mass Transit Authority**  
**KARACHI MOBILITY PROJECT**

Outlines of Terms of Reference of Consulting Services for  
Preparation of Detail Design, Procurement Assistance and  
Construction Supervision Services

Reference No: PK-SMTA-122605-CS-QCBS

**1 BACKGROUND**

The implementation of a comprehensive solution to Karachi's severe urban mobility problems is underway through decisive Federal and Provincial Governments engagement towards the implementation of a Bus Rapid Transit System (BRTS) as planned under the Karachi Urban Transport Master Plan of 2030. As of 2020, the BRTS implementation efforts in the city, spearheaded by the Federal Government, Government of Sindh (GoS), and the Sindh Mass Transit Authority (SMTA), were focused on: (i) completion of roadworks and associated facilities, and selection of an operator for BRTS operation and maintenance for the Green/Orange BRT Corridor; (ii) continuation and follow-up of contracts for planning, detail engineering design, and business plan definition for the Red BRT Corridor; to be followed up with the start of construction works and (iii) elaboration, update of preliminary design and feasibility studies for Yellow BRT Corridor to be followed up with the preparation of detailed engineering designs and bidding documents.

The Government of Sindh and the World Bank are committed to financing the infrastructure and structuring the operation and business model for the Yellow BRT Corridor, using a mix of financing instruments to maximize the available funding for the development and operation of the BRTS, through the Karachi Mobility Project – Yellow BRT [the Project]. The Project follows the integrated corridor management approach aiming to improve the needs (mobility, accessibility, safety) of all road users along the corridor. Severely deteriorated road sections along the Yellow BRT Corridor and catchment areas as well as traffic management will be improved and parking issues will be addressed. It is estimated that more than 700,000 people will benefit from this project, particularly people living and working along the Korangi industrial area.

In order to support execution of the infrastructure component of the Project, the SMTA and its Project Management Team (PMT) [hereinafter referred to as "the Client" or "the Employer", as relevant] wishes to engage a well-qualified consulting firm [hereinafter referred to as "the Consultant"] to undertake the preparation of detailed design, provide procurement assistance, construction supervision and contract administration (in the capacity of the Engineer) [hereinafter referred to as "the Services"].

**2 DESCRIPTION OF THE PROJECT:**

The Project corridor is approximately 21 km long, starting from Dawood Chowrangi to Numaish [via Korangi Road, Shahrah-e-Faisal and Shahrah-e-Quaideen] and is part of the overall Karachi Mass Transit System. The Project is also comprised of two bus depots and approximately 67 km of smaller off-corridor roads (direct and feeder routes) which would be improved as part of the Project. The Project follows the integrated corridor management approach with the overarching objective to improve mobility, accessibility and safety along its alignment. The Project mainly consists of following components.

- i) Two bus depots
- ii) Twenty-One (21) Kms of BRT infrastructure and road corridor (from façade to façade)
- iii) A 1km bridge to be undertaken through Design Build contract.
- iv) Approximately sixty-seven (67) Kms smaller off-corridor road improvements.





## 2.1 PRELIMINARY DESIGN

Preliminary Design for the Yellow BRT was first prepared in 2014 and then updated, in 2019. During the preparation of Preliminary Design, mapping of existing road conditions and utilities was performed along the corridor. Also, traffic simulations were carried out at selected junctions. Content of the preliminary design drawings is summarized in Table . The information / surveys captured during the preliminary design exercise and the preliminary design is available with SMIA and would be made available to the shortlisted consultants to enable them prepare their technical and financial proposals for this assignment.

Table 1 Summary of the Preliminary Design drawings

Volume	Title	Drawings
I	Infrastructure works	General drawings Topographic survey Layout plan, including typical cross sections, traffic signalization and equipment, and details Existing utilities Depots' typical details Storm water drainage (concept of the system)
II	Architecture and Structural works	Stations (typical layouts and cross sections) Depots (master plan layout and structures' layouts and sections)
III	Mechanical, Electrical and Plumbing works	Layouts, typical details and general distribution schemes for mechanical works, electrical works, plumbing, sewerage and firefighting, at depots

In addition to the above-mentioned design drawings, the following design report was delivered:

"Update of the Preliminary Design and Cost Estimates for Karachi Urban Mobility Project", BRIS Yellow Line, Final report, December 2019"

### Main Report

Annexure 1 – Topographic Survey Report

Annexure 2 – Traffic Data

Annexure 3 – Geotechnical Survey Report

Annexure 4 – Traffic Signal Timings

Annexure 5 – Design Inputs, Standards and Criteria

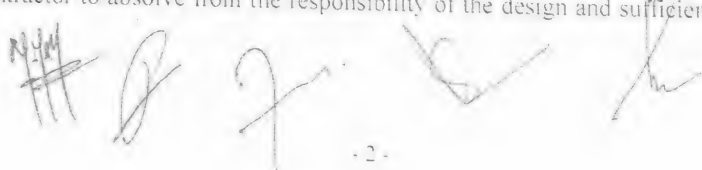
Annexure 6 – Photographs of Site Visit

Annexure 7 – Preliminary Design Drawings

## 3 OBJECTIVE OF SERVICES

Objectives of these consulting services are to:

- Prepare Detailed Design on the basis of the available preliminary design results and recommendations, including the element of the value engineering (predominantly in terms of materials selection, optimization of pavement structures, systematization of structures and components, and technology) to determine if better cost-effective alternatives are viable, however without compromising the quality and functionality of the infrastructure along the Yellow BRT Corridor and off-corridors;
- Assist the Client in preparation of bidding documents for construction contracts;
- Assist the Client in preparation of Employer's requirements for 1 km long bridge, by thoroughly reviewing the available Preliminary Design and deciding on the extent of information to be added in the Employer's requirements so that excess of information does not provide basis for the contractor to absolve from the responsibility of the design and sufficiency of the contract price;



- iv. Provide necessary procurement and technical assistance to the Client during the bidding processes including, but not limited to, attending the pre-selection and pre-bid meetings, evaluation of bids, and contract award and signing;
- v. Supervise the works to ensure that the executed works comply with the approved designs, internationally acceptable technical specifications, environmental and social safeguards and sound engineering practice;
- vi. Prepare final construction reports and compile full set of as-built drawings of all completed works, as well as full set of documents for entry into cadaster books/records;
- vii. Support the use of Building Information Modeling for constructing the whole of the asset digitally and using this model to support all stakeholders during the complete lifecycle of the project

#### 4 **BRIEF ON SCOPE OF SERVICES**

##### 4.1 **PREPARATION OF DETAILED DESIGN**

The main purpose of the Detailed Design [to be prepared following Pakistani legislation, technical regulations and AASHTO in case of certain elements not being regulated] is to provide sufficient detail for preparation of bidding documents and execution of works. The Preliminary Design and a BRT Operational Plan have already been carried out for the Project. The Consultant shall carry out an in-depth review of both with special emphasis on mobility, accessibility and safety, and Value Engineering and suggest improvements, if any. The designs must be prepared in accordance with environmental and social safeguards.

The Consultant's attention is specifically drawn to the fact that the preparation of the detail design for the Yellow Corridor, Off-corridors and Bus Depots will run in parallel so there will be a need for *adequate capacity* to prepare designs and bidding documents within the required time.

Based on the review of the preliminary design, the *detailed design outputs* will comprise of the following:

- Additional Engineering Surveys, Field Investigations and Laboratory Testing leading to updated technical studies and analysis.
- Geometric and Structural Designs, Technical Specifications and Cost Estimates [BRT Corridors, Off-Corridor Roads and NMT elements]
- Detailed Engineering / Architectural designs and Cost Estimates of BRT Stations, Bus Depots and Off Corridor Bus Shelters.
- Detailed Engineering Designs and Cost Estimates of Pavement structures [BRT corridor, Off Corridor Roads and Bus Depots]
- Detailed engineering design of Pedestrian and Roadside Facilities [Street furniture, lighting, and barriers, guardrails, and fences]
- Detailed engineering designs of Integrated Drainage System [with the specific attention to regulation of drainage in regular and storm conditions at underpasses and underground stations]
- Detailed engineering designs of Electrical Supply, Traffic Signals and Street Lighting.
- Landscaping, Station Area Design and Environmental Mitigation.
- Utilities Relocation
- Traffic Management [Traffic Management Plan (TMP) during construction]
- The Client shall arrange for the independent review and safety audit of the Detail Design. The Consultant will ensure that results from the safety audit are reflected in the detailed design, during construction and the DNP.

#### 4.2 PREPARATION OF BIDDING DOCUMENTS FOR CONTRACTOR SELECTION

All procurement activities under the KMP will be made using the World Bank Procurement Regulations for IPF Borrowers for Goods, Works, Non-Consulting and Consulting Services (July 2016; revised November 2017 and August 2018). The World Bank's standard procurement documents would form basis for the development of various construction bidding packages.

The outputs in procurement assistance for *construction contracts* shall comprise of the following:

- Prepare bidding documents for civil works packages including necessary support during the entire procurement process till the Award of Contract, including assistance to Client in bids evaluation. The Standard Bidding Documents of the World Bank shall be used for ICB procurements whereas the procurements targeting the national market would be carried out using the NCB bidding documents (meeting Section 5.4 of the WB Procurement Regulations) with prior agreement of the World Bank.

The outputs in procurement assistance for *Design-Build contract* shall comprise of the following:

- The construction works contract for Jam Sadiq bridge, will be awarded through Design and Build (D&B) contract.
- Review the sufficiency of available Preliminary Design and suggest improvement (if any).
- Preparation of Employer's requirement and bidding documents.
- Support during the entire D&B procurement process till the award of contract including site visits, evaluation of bids, etc.
- Review of the Detail Design submitted by the selected Contractor and supervise the works.

#### 4.3 CONSTRUCTION SUPERVISION

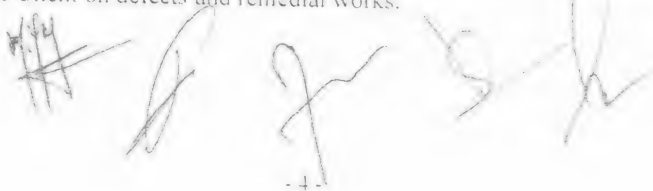
The Consultant shall perform the duties and authority of "the Engineer" as specified in or as necessarily implied by the contract, as well as administer the construction contract. Taking due regard of all relevant circumstances, the Consultant shall perform his duties or act:

- where the initiative lies with the Employer / Consultant in administering the construction contract;
- in response to the Contractor's or the Employer's requests; and
- in observing the requirements of the construction contract;

Wherever appropriate and not in conflict with the construction contract, the Consultant shall exercise every reasonable care to protect the interests of the Employer. In order to fulfill the above, the Consultant shall at all times take necessary measures and provide appropriate advice to the Client to enable the contract to be completed in timely and cost-effective manner, in conformity with the contract conditions and specifications. The Consultant and the Contractor shall be responsible to arrange for the Client and the World Bank, the opportunity to inspect the works and related documentation.

#### 4.4 POST-CONSTRUCTION ACTIVITIES

The Consultant shall supervise any corrective repairs and other works (including the administrative aspects of the works) during the Defect Notification Period (DNP) which is set to be 12 (twelve) months. For purposes of carrying out these services the Consultant shall assign necessary personnel to carry out inspection of the works and for the final inspection, preparation and issuing of final certificate. During this period, the Consultant shall be expected to draw the attention of the contractor to any defects as soon as such defects are noticed and shall supervise the subsequent remedial works by the contractor, as well as report to the Client on defects and remedial works.



- 4 -



#### 4.5 CAPACITY BUILDING AND INNOVATIVE APPROACH

The Consultant would be required to plan and deliver capacity building trainings for the Client's staff. These trainings would be in the areas of BRT design & planning concepts, procurement & contract management, project management, delivery and performance management, QHSE and relevant engineering software, financial and risk management, advanced economic and financial evaluation of capital projects etc.

The Client desires to implement the Project adopting new and modern techniques for project planning, design and implementation i.e. BIM. The following BIM deliverables and other outputs will be required.

- Site model
- Massing model
- Architectural, structural, MEP models
  - For regulatory submissions
  - For coordination and / or clash detection analysis
  - For visualization
  - For cost estimation
- Schedule and phasing program (In BIM)
- Construction and fabrication models
- Shop-drawings
- As-built model (in native proprietary or open formats)
- Data for facility management
- Other additional value-added BIM services

There will be routine presentations during the course of the Project to monitor the BIM model in contrast to the construction works and the final BIM model shall be under the ownership of the Client. Therefore, the Consultant must identify skilled staff for all disciplines who will take part in the project delivery from design stage to execution and operation/maintenance through BIM.

#### 5 DURATION OF SERVICES

The estimated duration of the services is 60 (sixty) months from the contract signing till the completion of the defect notification period, which comprise of 18 (eighteen) months of Detailed Design preparation (including review and revision) and Procurement of Contractors, 30 (thirty) months during construction and 12 (twelve) months after completion of works, i.e. during the DNP with the Consultant's intermittent input to check continuous quality and actual performance of the works.

The Consultant must consider the prospective peaks of activities and ensure the adequacy of staffing levels during such periods, and, at the same time, periods with low productivity levels should not be un-economically over-staffed. *The objective is that the Consultant should propose to assign professional team, which has experience of working on the successful projects of similar scale, nature and complexity and that will be best suited to the methodology of its design services, supervision and management systems.*

Details of staffing levels will be agreed through the course of the assignment between the consultant and the Client depending on the services and works currently in progress. The Consultant has to perform this assignment mainly in the field in Karachi. However, some work of the Consultant during preparation of Detailed Design and procurement assistance may be undertaken at their home office with the consent of the Client.





Sindh Mass Transit Authority	<b>CORRIGENDUM</b> REQUEST FOR EXPRESSION OF INTEREST	
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**Procurement of Consulting Services (Firm) for the Preparation of Detailed Design, Procurement Support and Construction Supervision Services**

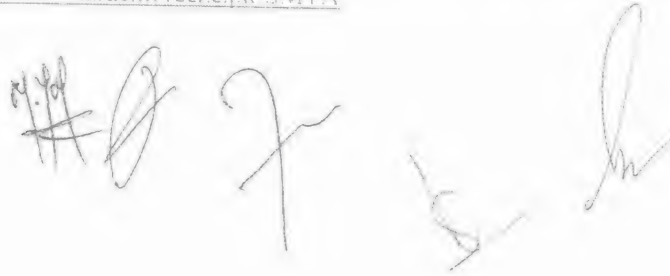
**Name of Country:** Islamic Republic of Pakistan  
**Name of Project:** *Karachi Mobility Project – Yellow BRT*  
**Loan No:** IBRD 8995-PK  
**Reference No:** PK-SMTA-122605-CS-QCBS  
**Client:** Sindh Mass Transit Authority (SMTA), Government of Sindh

Reference to the Advertisement (INF/KRY No. 549/2020) published in the daily Express Tribune, the daily Jang, the daily Dawn (19<sup>th</sup> February 2020) and the Khaleej Times (21<sup>st</sup> February 2020). The Expression of Interest (EOI) submission date is extended until **6<sup>th</sup> April 2020, 5:00 pm** Pakistan time. Please submit your EOI not later than the extended date and time.

Further information may be obtained at the address below during office hours [09:00 – 17:00 hours] or through below mentioned email addresses. The consultants are also advised to regularly check the below mentioned website for updates regarding the matter.

Expressions of Interest should be submitted in person or by courier (one original and two copies) or through email (electronic format at the below mentioned email addresses) no later than 5:00 pm on Monday **6<sup>th</sup> April 2020**. This is a one-time and final extension of the EOI submission date.

Sindh Mass Transit Authority  
Transport & Mass Transit Department, Government of Sindh  
Director Projects / Infrastructure  
House # 20; Street No. 9; Khayaban-e-Shamsheer; DHA, Karachi, Pakistan  
Tel: 92-21-99332911  
E-mail: [kmp.infra.smta@gmail.com](mailto:kmp.infra.smta@gmail.com) and [director.infra.smta@gmail.com](mailto:director.infra.smta@gmail.com)  
Web: <http://www.karachibreeze.pk> SMTA



Muhammad Yousuf Munir <director.infra.smta@gmail.com>

## Letter for Extension of Time

Muhammad Yousuf Munir <director.infra.smta@gmail.com>

Fri, Mar 13, 2020 at 4:02 PM

To: Said Dahdah <sdahdah@worldbank.org>  
Cc: Hasan Afzal Zaidi <hzaidi@worldbank.org>, Haider Raza <hraza@worldbank.org>, Consultant P & C TMTD <planning.smtc@gmail.com>, Rafay Ali Laghari <rafay.laghari.smta@gmail.com>, "Iqtidar Ahmed (managingdirector.smta@gmail.com)" <managingdirector.smta@gmail.com>

Dear Said,

As discussed, please find attached a list of consultants who have requested for extension for EOI submission.

Considering these requests and the worldwide threat of COVID-19, please advise if an extension may be given in submission deadlines till **6th April 2020**. A draft Corrigendum is also attached herewith this email for your review and No Objection.

Upon receiving the No Objection, we will proceed for publishing this Corrigendum in newspapers.


Regards,

Yousuf Munir

(Quoted text hidden)

### 2 attachments

 List of Requests for Extension in EOI.docx  
16K

 KMP\_EOI\_Corrigendum for Extension.docx  
287K





Ref. No: EA/MF/MK/BDU/6572  
Dated: 05<sup>th</sup> March, 2020

Director Projects / Infrastructure,  
Sindh Mass Transit Authority  
Transport & Mass Transit Department,  
Government of Sindh,  
House # 20, Street No. 9,  
Khayaban-e-Shamsheer  
DHA, Karachi.  
Tel: +92-21-99332911

SUBJECT: EXTENSION OF TIME FOR "EXPRESSION OF INTEREST" SUBMISSION  
PROCUREMENT OF CONSULTING SERVICES (FIRM) FOR THE PREPARATION OF  
DETAILED DESIGN, PROCUREMENT SUPPORT AND CONSTRUCTION  
SUPERVISION SERVICES

Dear Sir,


This has reference to subject request for EOI.

As will be noted, this is a comprehensive assignment encompassing wide range of specialized disciplines, with services pertaining to detailed designing through procurement support and construction supervision. To deliver the same, it is important that an appropriate consortium is formed of qualified and experienced Partners. Furthermore, the travel advisories/restrictions on staff movement is not helping either.

As the above requires time to arrive at best solution, it is requested to kindly grant an extension in submission date to at least till 7<sup>th</sup> April 2020.

Your favourable consideration & response shall be appreciated.

Yours faithfully,  
pp MM Pakistan (Pvt.) Ltd.

  
Ejaz Alam  
Projects Director





MM PAKISTAN (PVT.) LTD.  
100, Block 10, Phase 1, DHA, Karachi.



c.c.to - Secretary Transport (SMTA), Tughlak House, Sindh Secretariat, Building-2  
- Chief Consulting Transport Sindh Secretariat.



3/12/2020

Gmail - Queries on Karachi BRT Yellow Line EOI

Gmail

Muhammad Yousuf Munir <director.infra.smta@gmail.com>

## Queries on Karachi BRT Yellow Line EOI

ashar.lodi@exponent.com.pk <ashar.lodi@exponent.com.pk>

Reply-To: ashar.lodi@exponent.com.pk

Mon, Mar 9, 2020 at 10:46 AM

To: Muhammad Yousuf Munir <director.infra.smta@gmail.com>

Cc: kmp.infra.smta@gmail.com, aamirshf@gmail.com, Adilson Bravo Mejia May <adilson.bravo@logiteng.com>, Aamir Sharif <m.aamir@exponent.com.pk>, Alice LEOCADIE-THAUVIN <alice.leocadie-thauvin@sce.fr>, Diogo Barreto <diogo.barreto@logiteng.com>, Wagner Colombini Martins <wagner.colombini@logiteng.com>

Dear Yousuf

Thanks for your email clarification.

I, on behalf of the JV request for extension of submission time of EOI. This is requested since it will take us time to finalize our JV. It is therefore requested to extend submission date at least by 2 – 3 weeks.

Your consideration shall be highly appreciated.

Best Regards

Ashar H. Lodi

Director

From: Muhammad Yousuf Munir <director.infra.smta@gmail.com>

Sent: Monday, March 9, 2020 09:43

To: Ashar H. Lodi <ashar.lodi@exponent.com.pk>

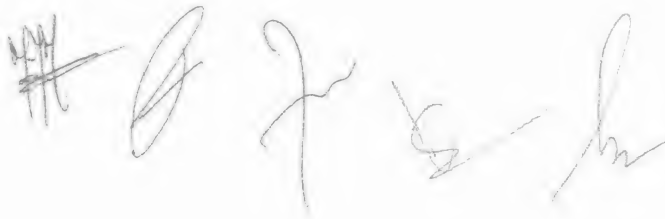
Cc: kmp.infra.smta@gmail.com, aamirshf@gmail.com, Adilson Bravo Mejia May <adilson.bravo@logiteng.com>, Aamir Sharif <m.aamir@exponent.com.pk>, Andre Frieslaar <andre@hho.co.za>, Susan Smit <susan.smit@hho.co.za>, Alice LEOCADIE-THAUVIN <alice.leocadie-thauvin@sce.fr>, Diogo Barreto <diogo.barreto@logiteng.com>, Wagner Colombini Martins <wagner.colombini@logiteng.com>

Subject: Re: Queries on Karachi BRT Yellow Line EOI

Dear Ashar sahib,

[Quoted text hidden]

[Quoted text hidden]





## ZEERUK INTERNATIONAL (Pvt.) Ltd.

Dated: March 11, 2020

Ref: ZI/43/20/244/17

Director Projects/ Infrastructure  
Sindh Mass Transit Authority (SMTA)  
House No. 20, Street No. 9, Khayaban-e-Shamsheer,  
DHA, Karachi, Pakistan  
Phone: +92-21-99332911, +92-321-8773979  
E-mail: director.infra.smta@gmail.com

Subject: Request for Extension of Time:

Consulting Services for the Preparation of Detailed Design,  
Procurement Support and Construction Supervision

Project ID: P166732

Name of Project: Karachi Mobility Project - Yellow Line BRT

Dear Sir,

Reference is made to your advertisement regarding Expression of Interest of above-mentioned project. We, M/s Zeeruk International Pvt. Ltd are interested to participate for this project. Due to shortage of time, we are unable to prepare a good proposal. Therefore, it is requested that extension for two (02) weeks may please be granted, enabling us for preparation of Proposal in professional manner.

Your cooperation in this regard will be highly appreciated.

Looking forward for a healthy and fruitful working relationship.

Best Regards,

Inam ur Rab Khan Minhas  
Chief Executive

CC: File

Ref: EOI/D8/2/6/2020/0302  
Date: Monday, March 09, 2020

Sindh Mass Transit Authority,  
Transport & Mass Transit Department,  
Government of Sindh,  
House # 2- Street No. 09,  
Khar, Khan-e-Shamshad, DHA  
Karachi  
(Tel: 021-9933 2911)

Project: KARACHI MOBILITY PROJECT,  
LOAN NO. IBRD 8995-PK KARACHI YELLOW LINE BRT PROJECT.  
PROCUREMENT OF CONSULTING SERVICES (FIRM) FOR THE PREPARATION OF  
DETAILED DESIGN PROCUREMENT SUPPORT AND CONSTRUCTION SUPERVISION

Subject: Request for Extension in Time for Submission of Expression Of Interest (EOI)

Dear Sir:

We refer to the Advertisement on above-mentioned Project, which was published in the daily DAWN, Islamabad, dated February 19, 2020 according to which the last date for submission of EOI is March 17, 2020.

We draw your kind attention to on-going international crisis vis-a-vis spreading of the CORVID-19 which has acutely constrained functioning of businesses owing to restrictions on movement of people in some of the major European countries that has resulted in non-availability of their staff members. Since participation of international firms having experience on BRT design and construction would greatly enhance ability of the consultant to ensure quality end-product, it is earnestly requested to kindly consider an extension in time for submission of EOI owing to above-mentioned constrained, which is temporary in nature. Accordingly we request you to please consider extending the date of submission for another 2-3 weeks, which will enable international consultants to prepare and submit a meaningful and responsive document.

While we keenly look forward to your favorable decision on above, we assure you of the best professional services and cooperation at all times.

Very truly, yours,  
for ENGINEERING CONSULTANTS INTERNATIONAL (PVT.) LTD.

(MUHAMMAD IRFAN IAN)  
Deputy General Manager (D&C)  
irfan.ian@eci.com

FIDIC

RECEIVED  
MID  
10-03-2020

7/6/2020

Gmail - No Objection to Expression of Interest submitted by SMTA for Pakistan - P166732 - Karachi Mobility Project - PK-SMTA-122605

Muhammad Yousuf Munir <director.infra.smta@gmail.com>

**No Objection to Expression of Interest submitted by SMTA for Pakistan - P166732  
- Karachi Mobility Project - PK-SMTA-122605-CS-QCBS - Activity -1 Title: P**

STEP Admin <noreply@worldbankgroup.org>

To: director.infra.smta@gmail.com

Cc: director.infra.smta@gmail.com, hrzaa@worldbank.org, projectengineer.bri.ol@gmail.com, hzardi@worldbank.org, sdahdah@worldbank.org

Fri, Mar 13, 2020 at 7:57 PM

Dear Muhammad Yousuf

Pakistan-P166732.Karachi Mobility Project, Ln./Cr # IBRD-89950; No-Objection to Expressions of Interest for Activity -1 Title: Procurement of Consulting Services for Detail design, procurement support and construction supervision – Quality And Cost-Based Selection – Reference No. PK-SMTA-122605-CS-QCBS

We have reviewed the draft request for extension of the deadline for submission of the Expressions of Interest for the above-mentioned consulting services from 2020/03/17 until 2020/04/06, submitted to the Bank on 2020/03/13. Based on the information provided, the Bank has no objection to the text of the request.

In accordance with the requirements in the applicable Regulations (Guidelines) please ensure publication of the request for Expression of Interest in the national press, your website and in UNDB Online.

Notices will be automatically published in UNDB Online and the World Bank's external website upon receiving the Bank's No Objection

Best Regards,

Said Dahdan

STEP System Users - [Click here](#)

Bank Users - [Click here](#)

The block contains several handwritten signatures and initials. On the left, there are initials 'H44' and a signature. In the center, there is a large, stylized signature. On the right, there are two more signatures, one of which appears to be 'L. h'.





SINDH MASS TRANSIT AUTHORITY  
GOVERNMENT OF SINDH

**Subject:** Minutes of 3<sup>rd</sup> Consultant Selection Committee Meeting on Karachi  
Mobility Project (Yellow BRTS)

1. The third meeting of the Consultant Selection Committee (the Committee) was held on 06<sup>th</sup> July 2020. The chair of the CSC welcomed the members and the meeting started with a discussion on the evaluation of expression of interest (EOIs) received. The committee members discussed the EOIs in light of the criteria given in the advertisement.

2. It was apprised to the Committee that EOIs of the different bidders comprise documents/information which is not clear and precisely matching the requirement of the evaluation criteria. Examples of such documents/information include: ✓

- completion certificates provided in a language other than English which is not understandable
- completion certificates provided by bidders do not specifically mention the scope of work/services of the consultant, project cost, details of client performed for the client.
- audited financial reports from any of the last five years (if not provided)

3. It was deliberated by the Committee that clarifications may be sought by the SMTA for such unclear documents/information to enable the Committee for informed decision with regards to shortlisting of the bidders [Annexure A]. Names of the firms from which clarifications are to be sought:

- i. M/s Typsa JV M/s Mott MacDonald Pakistan
- ii. M/s Khatib & Alami JV M/s Osmani & Company (Pakistan) JV M/s Naima Consulting Engineers & Planners JV M/s Prof. Dr S.N. Pollalis Inc JV M/s Halcrow (Pakistan)
- iii. M/s SCE JV M/s Hill International JV M/s Logit JV M/s HHO JV M/s Exponent (Pakistan)
- iv. M/s Dar-al-Handasa in JV with M/s NESPAK (Pakistan)
- v. M/s Tümas Turkish Engineering Consulting & Contracting JV M/s Emay International Engineering & Consultancy JV M/s Rehman Habib Consultants (Pakistan)

Decision:

It was decided by the Committee that the SMTA may seek clarifications in writing from the bidders as mentioned in para 3 above to enable the Committee informed decision with regards to shortlisting of the bidders. Subsequent to the reply from bidders against the queries, clarifications of the SMTA, the same may be incorporated in the evaluation of the EOLs to finalize the shortlisting of bidders.



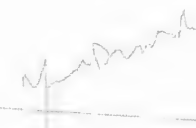
Director Finance & Accounts  
Sindh Mass Transit Authority  
Government of Sindh.



Director Projects/Infrastructure  
Sindh Mass Transit Authority  
Government of Sindh



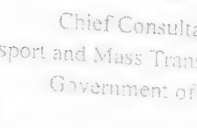
Director ITS  
Sindh Mass Transit Authority  
Government of Sindh



Director of Finance  
PPP Unit, Finance Department  
Government of Sindh



Chief Transport,  
Planning & Development  
Department, Government of Sindh.



Chief Consultant,  
Transport and Mass Transit Department  
Government of Sindh.



MANAGING DIRECTOR  
Sindh Mass Transit Authority  
Government of Sindh



ANNEXURE A

M/s Typsa JV M/s Mott McDonald Pakistan

GENERAL TECHNICAL EXPERIENCE	CLARIFICATION / QUERY
Project: "Riyadh Metro Project (Package 3 - Lines 4.5 and 6)" --- [Page No: 159]	Please provide a copy of contract agreement of this project. The certificate provided at Page 161 is signed without the mentioning of officer name / designation and other relevant details.
SPECIFIC TECHNICAL EXPERIENCE	CLARIFICATION / QUERY
Project: "New Transport System of Astana BRT - Phase 1" --- [Page 207]	Please provide Certificate of completion / Copy of Contract Agreement stating the project cost, scope of services provided by M/s TYPsa and duration of services.
Project: "Transport Planning study and Detailed design of Abu Dhabi Urban transport network" --- [Page 222]	Please provide Certificate of completion / Copy of Contract Agreement stating the project cost, scope of services provided by M/s TYPsa and duration of services.
<p style="text-align: center;"><b>FINANCIAL STRENGTH</b> Clarification / Query</p>	
TÉCNICA Y PROYECTOS S.A being a Lead partner has not submitted the Audited Financial Reports for the financial year 2019. Please provide the required document as being mandatory requirement in the EOI.	

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M/s Khatib & Alami JV  
M/s Osmani & Company (Pakistan) JV  
M/s Nama Consulting Engineers & Planners JV  
M/s Prof. Dr S.N. Pollalis Inc JV  
M/s Halerow (Pakistan)

Information required:

Please provide documentary evidence that the firms in IV have never been blacklisted as required in the EOJ

GENERAL TECHNICAL EXPERIENCE	CLARIFICATION / QUERY
Project:	
"Sulimaniyah Roads -- Sulaimaniyah, Kurdish Region, Iraq" --- [Page 456]	Please provide Certificate of completion / Copy of Contract Agreement (in English language -- official translation required) stating the project cost, scope of services provided by M/s Khatib & Alami and duration of services.
Project:	
"Hail / Tabuk Road, KSA" --- [Page 459]	Please provide Certificate of completion / Copy of Contract Agreement (in English language -- official translation required) stating the project cost, scope of services provided by M/s Khatib & Alami and duration of services.
SPECIFIC TECHNICAL EXPERIENCE	CLARIFICATION / QUERY
Project:	
"Riyadh Metro Project - Package 01" --- [Page 477]	Please provide Certificate of completion / Copy of Contract Agreement (in English language -- official translation required) stating the project cost, scope of services provided by M/s Khatib & Alami as a sub-consultant and duration of services.
Project:	
"Light Rail Transit Project, Egypt" --- [Page 478]	Please provide Certificate of completion / Copy of Contract Agreement (in English language -- official translation required) stating the project cost, scope of services provided by M/s Khatib & Alami and duration of services.
Project:	
"City Rail Transit and New Capital Rail Transit Monorails, Cairo, Egypt" --- [Page 479]	Please provide Certificate of completion / Copy of Contract Agreement (in English language -- official translation required) stating the project cost, scope of services provided by M/s Khatib & Alami and duration of services.
Project:	



<p>"Metro Line 6 El-Khosos to El-Maady, Egypt" - --- [Page 480]</p>	<p>Please provide Certificate of completion / Copy of Contract Agreement (in English language - official translation required) stating the project cost, scope of services provided by M/s Khatib &amp; Alami and duration of services.</p>
<p>Project: "Al Madinah Metro, Madinah, KSA" --- [Page 490]</p>	<p>Please provide information that the certificate provided at Page 490 is stamped by whom and which government office (since it's in Arabic language and not on official letterhead).</p>
<p>Project: "Athens Metro Project, Greece" --- [Page 518]</p>	<p>Please provide Certificate of completion / Copy of Contract Agreement (in English language - official translation required) stating the project cost, scope of services provided by M/s NAMA and duration of services.</p>

**FINANCIAL STRENGTH**  
Clarification / Query

Please provide Certified Audited Reports of last 5 years for M/s Spiro Pollalis Inc. as per requirement of the EOI.

**M/s SCE JV M/s Hill International JV M/s Logit JV M/s HHO JV M/s Exponent (Pakistan)**

Correction required:

Please refer to Page 08 and Page 09 of the EOI. The letter of declaration of association from M/s Logit and M/s HHO is not referred to the SMTA as required. Please make necessary corrections and provide afresh.

**FINANCIAL STRENGTH**  
Clarification / Query

Please provide Audited Reports of last five years for Hill International N V and Logit Consulting Inc. Certified from an Audit Firm or Certified affiliated independent Auditor.

*[Handwritten signatures and marks]*

**M/s Dar-al-Handasa in JV with M/s NESPAK (Pakistan)**

Information required:

Please provide a documentary evidence of non-blacklisting as required in the EOI for M/s Dar-al-Handasa.

SPECIFIC TECHNICAL EXPERIENCE	CLARIFICATION / QUERY
<p>Project:</p> <p>"Construction Supervision of Lahore Metro Bus System (Ferozepur Road Corridor) from Gujju Matta to Shahdara" --- [Page 406]</p>	<p>The proforma is stamped and signed by the Client official. But the proforma says Construction Supervision, however in the list of projects at Page 404, Detailed Design and Construction Supervision both are mentioned. Please confirm the scope of services.</p>

**FINANCIAL STRENGTH**

Clarification / Query

Please provide Certified Audit Reports for the year 2019 for M/s Dar-Al-Handasah and Nespak Pvt Ltd. for the year 2018.

**M/s Tümas Turkish Engineering Consulting & Contracting JV  
M/s Emay International Engineering & Consultancy JV  
M/s Rehman Habib Consultants (Pakistan)**

Information required:

Please provide a documentary evidence that the firms in JV have never been blacklisted as required in the EOI.

GENERAL TECHNICAL EXPERIENCE	CLARIFICATION / QUERY
<p>Project:</p> <p>"Construction Supervision, Engineering and Consultancy Services for Continuing Road Construction and Reconstruction Works within the Central and Regional Boundaries of 10th Regional Directorate of Highways" --- [Page 308]</p>	<p>Please confirm the cost of the project through documentary evidence.</p>
SPECIFIC TECHNICAL EXPERIENCE	CLARIFICATION / QUERY
<p>Project:</p> <p>"Atakoy - Ikitelli Metro, Istanbul" --- [Page 45]</p>	<p>Please provide copy of contract agreement stating the client's details, scope of services provided by M/s EMAY and cost of the project.</p>
<p>Project:</p>	

*(Handwritten signatures and stamps)*

"Metrobus (BRT) System, Istanbul" --- [Page 45]	Please provide completion certificate / copy of contract agreement stating the client's details, scope of services provided by M/s EMAY and cost of the project.
Project: "Kabataş-Mahmutbey metro line, Istanbul" --- [Page 41]	Please provide copy of contract agreement stating the client's details, scope of services provided by M/s EMAY and cost of the project.

**FINANCIAL STRENGTH  
CLARIFICATION / QUERY**

Please provide Certified Audit Reports for the last five years of M/s Emay International Engineering & Consultancy.

Please provide profile and credentials of the Audit Firm who prepared the Certified Audit Reports for the year 2015 & 2016 for Relman Habib Consultants.

Note: The page numbers mentioned above are that of as of the pdf soft copy of the EOI documents submitted soft copy from the bidders.

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GOVERNMENT OF SINDH  
SINDH MASS TRANSIT AUTHORITY

Subject:

MINUTES OF 2<sup>ND</sup> CONSULTANT SELECTION COMMITTEE (CSC) FOR  
KARACHI MOBILITY PROJECT YELLOW LINE BRT.

The second meeting of the Consultant Selection Committee [the Committee] was held on 25<sup>th</sup> June 2020. The chair of the CSC welcomed the members and introduced the Project Director of the Karachi Mobility Project - Yellow BRT [the Project] who has been recently notified vide S&GAD notification SO/(SGA&CD)-3/20/2019 dated 15<sup>th</sup> June 2020. As a matter of understanding, the Committee was given a brief on the Project. It was informed to the Committee that this procurement exercise is meant to procure consultancy services for undertaking Detailed Design, Procurement Support and Construction Supervision.

2. It was informed to the Committee that the Request for Expression of Interest [the REOI] was prepared considering the complexity, scale and nature of the Project. In compliance of the World Bank Procurement Regulations for IPF Borrowers July 2016, revised November 2017 and August 2018 (the Procurement Regulations), Annex II (No. 7), the REOI document duly prepared by the SMTA and was approved by the World Bank for publishing (Annexure A). The REOI was first published with the deadline of 17<sup>th</sup> March 2020 but later this deadline was extended till 6<sup>th</sup> April 2020 considering the global Covid-19 issue (Annexure B). In response to the REOI, thirteen firms submitted their EOIs (list of firms are at Annexure C) which now needs to be evaluated for shortlisting / pre-qualification purpose. The Committee discussed the overall REOI document and shortlisting criteria and it was decided to accord a post-facto approval on the same. Furthermore, it was proposed that the Committee needs to be re-constituted and the Project Director be included in the Committee. It was decided that a request to the Transport & Mass Transit Department will be sent to include following two members in the Committee.

- i) Project Director - Karachi Mobility Project
- ii) Deputy Director (Contracts/Procurement), SMTA



3. It was agreed that the evaluation of the EOIs will be discussed in the subsequent Committee meeting. The Chair requested the members to go through the EOI documents for better understanding and clarity.

Decisions:

- i) The Committee agreed to accord post-facto approval on the REoI being published in accordance with the Procurement Regulations.
- ii) A request will be sent to the TMTD to include the Project Director and the Deputy Director Contracts, SMTA in the CSC.



**RAFAY LAGHARI**  
Director Finance &  
Accounts  
SMTA, GoS



**YOUSUF MUNIR**  
Director Projects /  
Infrastructure  
SMTA, GoS



**NIAZ ALI**  
Director ITS  
SMTA, GoS



**MUHAMMAD DANISH**  
Director Finance  
PPP Unit,  
Finance Department GoS



**SINKANDAR ALI SHAIKH**  
Chief Transport  
P&D GoS



**ASHRAF ALI LAKHO**  
Chief Consultant  
TMTD, GoS



**IQTIDAR AHMED**  
Managing Director  
SMTA, GoS

SINDHI MASS TRANSIT AUTHORITY  
GOVERNMENT OF SINDHI

Dated: 24<sup>th</sup> August 2020

MINUTES OF 4<sup>TH</sup> CONSULTANT SELECTION COMMITTEE MEETING ON  
KARACHI MOBILITY PROJECT (YELLOW BRTS)

The fourth meeting of the Consultant Selection Committee [the Committee] was held on 21<sup>st</sup> August 2020. The chair of the CSC welcomed the members and the meeting started with a discussion on overall process of the invitation of EOIs and their evaluation. The approved minutes of third Committee meeting were discussed in the light of evaluation. The Committee was apprised that, as per the decision in the third Committee meeting, clarifications from five (05) consultant firms were sought on 15<sup>th</sup> July 2020, through email [Annexure A] and were given a timeline till 23<sup>rd</sup> July 2020 to furnish their response. All five (05) consultant firms submitted their response, through email by the deadline [Annexure B]. For ready reference, following are the five (05) consultant firms who were asked to submit their response to clarifications:

- i. M/s Typsa JV M/s Mott McDonald Pakistan
- ii. M/s Khatib & Alami JV M/s Osmani & Company (Pakistan) JV M/s Nama Consulting Engineers & Planners JV M/s Prof. Dr S.N. Pollalis Inc JV M/s Halcrow (Pakistan)
- iii. M/s SCE JV M/s Hill International JV M/s Logit JV M/s HHO JV M/s Exponent (Pakistan)
- iv. M/s Dar-al-Handasa in JV with M/s NESPAK (Pakistan)
- v. M/s Tümas Turkish Engineering Consulting & Contracting JV M/s Emay International Engineering & Consultancy JV M/s Rehman Habib Consultants (Pakistan)

The Committee members discussed the responses obtained from the above-mentioned consultant firms and concluded that the response from the following four (04) consultant firms satisfies the evaluation criteria and hence may be shortlisted;

	Consultant Firm	Remarks
01	M/s Typsa JV M/s Mott McDonald Pakistan	The consultant firm has provided satisfactory experience of providing the services as required in the EOI criteria, in general and specific projects of required value. The experience covers urban mass transit systems including BRT (experience of two BRT projects in Pakistan) and MRT projects. The staff experience and capacity demonstrated is satisfactory and sufficient to deliver the project.



02	M/s Khatib & Alami JV M/s Osmani & Company (Pakistan) JV M/s Nama Consulting Engineers & Planners JV M/s Prof. Dr S.N. Pollalis Inc JV M/s Halcrow (Pakistan)	The consultant firm has provided satisfactory experience of providing the services as required in the EOI criteria, in general and specific projects of required value. The experience covers urban mass transit systems including BRT (one project delivered in Pakistan) and MRT projects. The experience and capacity demonstrated is sufficient to deliver the project.
03	M/s SCE JV M/s Hili International JV M/s Logit JV M/s HHO JV M/s Exponent (Pakistan)	The consultant firm has provided satisfactory experience of providing the services as required in the EOI criteria, in general and specific projects of required value. The experience covers urban mass transit systems including BRT and MRT besides extensive experience in infrastructure projects. The experience and capacity demonstrated, is sufficient to deliver the assignment.
04	M/s Dar-al-Handasa in JV with M/s NESPAK (Pakistan)	The consultant firm has provided satisfactory experience of providing the services as required in the EOI criteria, in general and specific projects of required value. The experience covers urban mass transit systems, as well as direct experience in BRT developments in Pakistan. Experienced pool of staff (design, tender documents, supervision, contract management) demonstrated is sufficient to deliver the assignment.

The committee further discussed and agreed that, in light of the criteria, the following EOIs received do not qualify and hence will be declared *dis-qualified*.

	Consultant Firm	Remarks
01	M/s Tümas Turkish Engineering Consulting & Contracting JV M/s Emay International Engineering & Consultancy JV M/s Rehman Habib Consultants (Pakistan)	The consultant firm submitted their response to the clarifications sought wherein it was mentioned that the required documentary evidence of the projects, of specific experience, may not be provided since these projects are only included in the brief company presentation of M/s EMAY and not in the section of specific experience. Accordingly, the consultant firm's specific experience does not fulfill the requirement as per the REOI criteria.
02	M/s Botek Bosphorus Technical Consulting Corp. JV M/s Mega Engineering Consulting Inc.	The consultant firm has provided satisfactory experience in general infrastructure projects of required value, covering design and construction supervision services, however they do not possess sufficient specific experience of projects (only one project qualifies) as per the REOI criteria.

*[Handwritten signatures and initials are present below the table, including a large signature on the left and several smaller ones across the bottom.]*



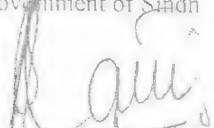



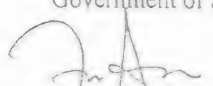
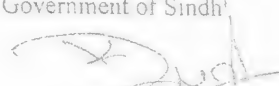

03	M/s Eser Musavirlik JV M/s Techno Consult JV M/s Meg Yatirim	<p>The consultant firm has provided satisfactory experience in general infrastructure projects of required value, covering design and construction supervision services, however they do not possess sufficient specific experience of projects (only two project qualifies) as per the REOI criteria.</p> <p>The committee agreed that the inter-city rail projects will not be considered as specific experience similar to the nature and complexity of the Project. In this case two projects provided as specific experience pertains to the inter-city railway and hence have not been considered in compliance with the REOI criteria.</p>
04	M/s ITALConsult	<p>The consultant firm's specific experience does not fulfill the REOI criteria (only one project qualifies) although their experience in general projects is worth-mentioning and satisfies the criteria as well.</p>
05	M/s Kunhwa Engineering & Consulting JV M/s Dong Il Engineering Consultants JV M/s EuroConsult	<p>The consultant firm's specific experience does not fulfill the REOI criteria although the projects mentioned in general experience are satisfactory and fulfill the EOI criteria.</p> <p>The committee agreed that the projects not meeting the criteria of minimum cost, as mentioned in the REOI, will not be considered qualified.</p>
06	M/s Minconsult Sdn. Bhd JV M/s EA Consulting JV M/s Creative Engineering Consultants	<p>The consultant firm's specific experience does not fulfill the REOI criteria (of both minimum cost and number of projects). The required information on general projects experience, is consistently missing from their EOI.</p>
07	M/s Renardet SA JV M/s PEAS Consulting JV M/s ESS-I-AAR JV M/s ECSP	<p>The consultant firm's specific experience does not fulfill the REOI criteria (only one project qualifies). The projects mentioned in general experience fulfills the criteria satisfactorily from only one partner while most of the presented reference projects are within roads sector and the local partners demonstrate the projects not satisfying the cost criteria of the REOI.</p>
08	M/s Tebodin	<p>The consultant firm's specific experience does not fulfill the requirement as per the REOI criteria. No project experience has been provided under specific experience.</p>



09	M/s Kaiser Engineering & Consulting JV M/s Apco Teknik JV M/s SMEC JV M/s Zeeruk International (Pakistan) JV M/s Loya Associates JV M/s Engineering General Consultants (Pakistan)	<p>The consultant firm has provided project experiences in general and specific categories though the cost of the projects is missing in some cases and two specific projects do not fulfill the cost criteria as mentioned in the REOI. The consultant firm do not fulfill the REOI criteria and the lead firm has a negative net-worth in the year 2016.</p> <p>The committee agreed that the consultant firm, specifically those whose projects are being considered, must meet the positive net-worth criteria as mentioned in the REOI.</p>
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The committee agreed that the results of the pre-qualification process will be sent to the World Bank for their prior review and no-objection. Upon receiving no-objection from the World Bank, the SMTA will inform, in writing, this result to all the consultants who participated in the process. The Request for Proposal, however, will be provided to only shortlisted consultants after the approval from the World Bank.

The meeting was adjourned with a token of thanks from the Chair to the committee members.

<p style="text-align: center;">          Director Finance          PPP Unit, Finance Department,          Government of Sindh</p>	<p style="text-align: center;">          Chief Transport          Planning &amp; Development Department,          Government of Sindh</p>
<p style="text-align: center;">          Project Director, Project Management Team          Karachi Mobility Project (Yellow BRT)</p>	<p style="text-align: center;">          Chief Consultant          Transport &amp; Mass Transit Department          Government of Sindh</p>
<p style="text-align: center;">          Director Infrastructure / Projects,          Sindh Mass Transit Authority          Government of Sindh</p>	<p style="text-align: center;">          Director Finance &amp; Accounts          Sindh Mass Transit Authority          Government of Sindh</p>
<p style="text-align: center;">          Director (ITS)          Sindh Mass Transit Authority          Government of Sindh</p>	<p style="text-align: center;">          Deputy Director (Contracts &amp; Procurement)          Sindh Mass Transit Authority          Government of Sindh</p>
<p style="text-align: center;">          Managing Director          Sindh Mass Transit Authority          Government of Sindh</p>	

8/24/2020

Gmail - Electronic Submission of EOI: Karachi Mobility Project - Yellow BRT (Loan no. IBRD 8995-PK, Project ID: P166732)



SMTA INFRA <kmp.infra.smta@gmail.com>

**Electronic Submission of EOI: Karachi Mobility Project - Yellow BRT (Loan no. IBRD 8995-PK, Project ID: P166732)**

SMTA INFRA <kmp.infra.smta@gmail.com>

To: Rehan Zamin <rehanzamin@gmail.com>

Cc: Ali Abbany <Ali.Abbany@dar.com>, Madiha BenSlama <Madiha.BenSlama@dar.com>, Ali javaid

<Ali\_jash2000@hotmail.com>, Mubashra Zafar <mubashrazafar@outlook.com>, managingdirector.smta@gmail.com,

pd.kmp.ylc@gmail.com, Rafay Ali Laghari <rafay.laghari.smta@gmail.com>, Chief.consultant.tmt@gmail.com,

Consultant P & C TMTD <planning.smtc@gmail.com>, danish.pppgos@gmail.com, sikande.shaikh@yahoo.com,

Muhammad Yousuf Munir <director.infra.smta@gmail.com>

Wed, Jul 15, 2020 at 6:17 PM

Dear Mr Rehan Zamin,

Subsequent to the submission of the EOI document, please provide the response to the following latest by 23rd July 2020, for our further necessary action.

Please note that the page numbers referred below refer to the page numbers of the pdf soft copy of the EOI document submitted.

Thanks &  
Regards

<b>M/s Dar-al-Handasa in JV with M/s NESPAK (Pakistan)</b>	
Information required:	
Please provide a documentary evidence of non-blacklisting as required in the EOI, for M/s Dar-al-Handasa.	
<b>SPECIFIC TECHNICAL EXPERIENCE</b>	<b>CLARIFICATION / QUERY</b>
Project: "Construction Supervision of Lahore Metro Bus System (Ferozepur Road Corridor) from Gujju Matta to Shahdara" --- [Page 406]	The proforma is stamped and signed by the Client official. But the proforma says Construction Supervision, however in the list of projects at Page 404, Detailed Design and Construction Supervision both are mentioned. Please confirm the scope of services.
<b>FINANCIAL STRENGTH</b>	
Clarification / Query	
Please provide Certified Audit Reports for the year 2019 for M/s Dar-Al-Handasah and Nespak Pvt Ltd. for the year 2018.	

[Quoted text hidden]

9/24/2020

Gmail - Submission of EOI for Karachi Mobility Project - Yellow Line



SMTA INFRA <kmp.infra.smta@gmail.com>

## Submission of EOI for Karachi Mobility Project - Yellow Line

SMTA INFRA <kmp.infra.smta@gmail.com>

Wed, Jul 15, 2020 at 5:04 PM

To: Rafay Ahmed Siddiqui <rafeyahmed@gmail.com>, Rafay Ahmed Siddiqui <rafey.ahmed@osmani.com>  
Cc: managingdirector.smta@gmail.com, pd.kmp.ylc@gmail.com, Chief, consultant.tmt@gmail.com, Rafay Ali Laghari <rafay.laghari.smta@gmail.com>, danish.pppgos@gmail.com, sikande.shaikh@yahoo.com, Muhammad Yousuf Munir <director.infra.smta@gmail.com>, Consultant P & C TMTD <planning.smta@gmail.com>

Dear Mr Rafay,

Subsequent to the submission of the EOI document, please provide the response to the following latest by 23rd July 2020, for our further necessary action.

Please note that the page numbers referred below refer to the page numbers of the pdf soft copy of the EOI document submitted.

Thanks &  
Regards

<u>M/s Khatib &amp; Alami JV</u> <u>M/s Osmani &amp; Company (Pakistan) JV</u> <u>M/s Nama Consulting Engineers &amp; Planners JV</u> <u>M/s Prof. Dr S.N. Pollalis Inc JV</u> <u>M/s Halerow (Pakistan)</u>	
<u>Information required:</u>	
Please provide documentary evidence that the firms in JV have never been blacklisted as required in the EOI.	
GENERAL TECHNICAL EXPERIENCE	CLARIFICATION / QUERY
Project: - "Sulaimaniyah Roads - Sulaimaniyah, Kurdish Region, Iraq" --- [Page 456] - -	- Please provide Certificate of completion / Copy of Contract Agreement (in English language - official translation required) stating the project cost, scope of services provided by M/s Khatib & Alami and duration of services.
Project: - "Hail / Tabuk Road, KSA" --- [Page 459] - -	- Please provide Certificate of completion / Copy of Contract Agreement (in English language - official translation required) stating the project cost, scope of services provided by M/s Khatib & Alami and duration of services.
SPECIFIC TECHNICAL EXPERIENCE	CLARIFICATION / QUERY
Project: - "Riyadh Metro Project - Package 01" --- [Page 477] -	- Please provide Certificate of completion / Copy of Contract Agreement (in English language - official translation required) stating the project cost, scope of services provided by M/s Khatib & Alami as a sub-consultant and duration of services.
Project: - "Light Rail Transit Project, Egypt" --- [Page 478] -	- Please provide Certificate of completion / Copy of Contract Agreement (in English language - official

https://mail.google.com/mail/u/3?ik=47ec4f8ef1&view=pt&search=all&permmsgid=msg-a%3A1867599955348725189&smp=msg-a%3A1867599955348725189

9/24/2020

Gmail - Submission of EOI for Karachi Mobility Project - Yellow Line

	<u>translation required) stating the project cost, scope of services provided by M/s Khatib &amp; Alami and duration of services.</u>
<u>Project:</u> "City Rail Transit and New Capital Rail Transit Monorails, Cairo, Egypt" --- [Page 479]	<u>Please provide Certificate of completion / Copy of Contract Agreement (in English language - official translation required) stating the project cost, scope of services provided by M/s Khatib &amp; Alami and duration of services</u>
<u>Project:</u> "Metro Line 6 El-Khosos to El-Maady, Egypt" --- [Page 480]	<u>Please provide Certificate of completion / Copy of Contract Agreement (in English language - official translation required) stating the project cost, scope of services provided by M/s Khatib &amp; Alami and duration of services</u>
<u>Project:</u> "Al Madinah Metro, Madinah, KSA" --- [Page 490]	<u>Please provide information that the certificate provided at Page 490 is stamped by whom and which government office (since it's in Arabic language and not on official letterhead).</u>
<u>Project:</u> "Athens Metro Project, Greece" --- [Page 518]	<u>Please provide Certificate of completion / Copy of Contract Agreement (in English language - official translation required) stating the project cost, scope of services provided by M/s NAMA and duration of services</u>
<b>FINANCIAL STRENGTH</b>	
<u>Clarification / Query.</u>	
<u>Please provide Certified Audited Reports of last 5 years for M/s Spiro Pollalis Inc. as per requirement of the EOI</u>	
{Quoted text hidden}	

*[Handwritten signatures and marks]*





SMTA INFRA &lt;kmp.infra.smta@gmail.com&gt;

## PK-SMTA-122605-CS-QCBS - Eoi for Yellow BRT Line

SMTA INFRA &lt;kmp.infra.smta@gmail.com&gt;

Wed, Jul 15 2020 at 5:44 PM

To: "LEOCADIE-THAUVIN Alice (SCE)" &lt;alice.leocadie-thauvin@sce.fr&gt;

Cc: "Ashar H. Lodi" <ashar.lodi@exponent.com.pk>, "Aamir Sharif [Gmail]" <aamirshf@gmail.com>, Aamir Sharif <m.aamir@exponent.com.pk>, managingdirector.smta@gmail.com, Muhammad Yousuf Munir <director.infra.smta@gmail.com>, Chief.consultant.tmt@gmail.com, danish.ppogor@gmail.com, sikande.shaikh@yahoo.com, Rafay Ali Laghari <rafay.laghari.smta@gmail.com>, Consultant P & C TMTD <planning.smtc@gmail.com>, pd.kmp.ylc@gmail.com

Dear Alice Thauvin,

Subsequent to the submission of the EOI document, please provide the response to the following latest by 23rd July 2020, for our further necessary action.

Please note that the page numbers referred below refer to the page numbers of the pdf soft copy of the EOI document submitted.

<b>M/s SCE JV M/s Hill International JV M/s Logit JV M/s HHO JV M/s Exponent (Pakistan)</b>
<b><u>Correction required:</u></b>
<u>Please refer to Page 08 and Page 09 of the EOI. The letter of declaration of association from M/s Logit and M/s HHO is not referred to the SMTA as required. Please make necessary corrections and provide afresh.</u>
<b><u>FINANCIAL STRENGTH</u></b> <u>Clarification / Query</u>
<u>Please provide Audited Reports of last five years for Hill International N.V and Logit Consulting Inc. Certified from an Audit Firm or Certified affiliated independent Auditor.</u>

Thanks &  
Regards

[Quoted text hidden]



SMTA INFRA <kmp.infra.smta@gmail.com>

## Karachi Mobility Project - Expression of Interest

SMTA INFRA <kmp.infra.smta@gmail.com>

To: "Rehman (Pvt) Ltd" <rhcqta@yahoo.com>

Wed, Jul 15, 2020 at 5:57 PM

Co: murat.hosgor@tumas.com.tr, rhcho@rehmanhabib.com, Abubakar Mujahid <abubakar@rehmanhabib.com>, managingdirector.smta@gmail.com, pd.kmp.ylc@gmail.com, Chief.consultant.tmt@gmail.com, sikande.shaikh@yahoo.com, danish.pppgos@gmail.com, Rafay Ali Laghari <rafay.laghari.smta@gmail.com>, Consultant P & C TMTD <planning.smtc@gmail.com>, Muhammad Yousuf Munir <director.infra.smta@gmail.com>

Dear Zeeshan Elahi sahib,

Subsequent to the submission of the EOI document, please provide the response to the following latest by 23rd July 2020, for our further necessary action.  
Please note that the page numbers referred below refer to the page numbers of the pdf soft copy of the EOI document submitted.

Thanks &  
Regards

<u>M/s Tumas Turkish Engineering Consulting &amp; Contracting JV</u> <u>M/s Emay International Engineering &amp; Consultancy JV</u> <u>M/s Rehman Habib Consultants (Pakistan)</u>	
<u>Information required:</u>	
Please provide a documentary evidence that the firms in JV have never been blacklisted as required in the EOI.	
<u>GENERAL TECHNICAL EXPERIENCE</u>	<u>CLARIFICATION / QUERY</u>
Project: "Construction Supervision, Engineering and Consultancy Services for Continuing Road Construction and Reconstruction Works within the Central and Regional Boundaries of 10th Regional Directorate of Highways" --- [Page 308]	- Please confirm the cost of the project through documentary evidence.
<u>SPECIFIC TECHNICAL EXPERIENCE</u>	<u>CLARIFICATION / QUERY</u>
Project: "Atakoy - Ikitelli Metro, Istanbul" --- [Page 45]	- Please provide copy of contract agreement stating the client's details, scope of services provided by M/s EMAY and cost of the project.
Project: "Metrobus (BRT) System, Istanbul" --- [Page 45]	- Please provide completion certificate / copy of contract agreement stating the client's details, scope of services provided by M/s EMAY and cost of the project.
Project:	

<https://mail.google.com/mail/u/37ik=47ec4f8ef13...new=pt&search=all&permmsgid=msg-a%3A%5B395083358693657207&siml=msg-n%3A%5B395>

*[Handwritten signatures and initials]*

8/24/2020

Gmail - Karachi Mobility Project - Expression of Interest

"Kabatas-Mahmutbey metro line, Istanbul" ---  
[Page 41]

Please provide copy of contract agreement stating  
the client's details, scope of services provided by  
M/s EMAY and cost of the project.

**FINANCIAL STRENGTH  
CLARIFICATION / QUERY**

Please provide Certified Audit Reports for the last five years of M/s Emay International Engineering &  
Consultancy.

Please provide profile and credentials of the Audit Firm who prepared the Certified Audit Reports for the  
year 2015 & 2016 for Rehman Habib Consultants.

The block contains several handwritten signatures and initials in dark ink. There are approximately six distinct marks, including a large signature at the top left, a signature at the top right, a set of initials in the middle, and several other smaller signatures and initials towards the bottom.



SMTA INFRA <kmp.infra.smta@gmail.com>

## Submittal EOI for Yellow Line BRT by TYP SA/MMP/AsCE

SMTA INFRA <kmp.infra.smta@gmail.com>

To: ADAME DE HEU PATRICIO <padame@typsa.es>

Wed, Jul 15, 2020 at 5:37 PM

Cc: Ejaz Alam <ejaz.alam@mmpakistan.com>, managingdirector.smta@gmail.com, Muhammad Yousuf Munir <director.infra.smta@gmail.com>, Rafay Ali Laghari <rafay.laghari.smta@gmail.com>, Consultant P & C TMTD <planning.smta@gmail.com>, Chief, consultant.tmt@gmail.com, danish.pppgos@gmail.com, sikande.shaikh@yahoo.com, pd.kmp.ylc@gmail.com

Dear Mr. Patricio M. Adame de Heu,

Subsequent to the submission of the EOI document, please provide the response to the following latest by 23rd July 2020, for our further necessary action.  
Please note that the page numbers referred below refer to the page numbers of the pdf soft copy of the EOI document submitted.

Thanks &  
Regards

M/s Typsa JV M/s Mott MacDonald Pakistan	
GENERAL TECHNICAL EXPERIENCE	CLARIFICATION / QUERY
Project: "Riyadh Metro Project (Package 3 - Lines 4,5 and 6)" --- [Page No: 159]	Please provide a copy of contract agreement of this project. The certificate provided at Page 161 is signed without the mentioning of officer name / designation and other relevant details.
SPECIFIC TECHNICAL EXPERIENCE	CLARIFICATION / QUERY
Project: "New Transport System of Astana BRT - Phase 1" -- [Page 207]	Please provide Certificate of completion / Copy of Contract Agreement stating the project cost, scope of services provided by M/s TYP SA and duration of services.
Project: "Transport Planning study and Detailed design of Abu Dhabi Urban transport network" --- [Page 222]	Please provide Certificate of completion / Copy of Contract Agreement stating the project cost, scope of services provided by M/s TYP SA and duration of services.
FINANCIAL STRENGTH Clarification / Query	
TÉCNICA Y PROYECTOS S.A being a Lead partner has not submitted the Audited Financial Reports for the financial year 2019. Please provide the required document as being a mandatory requirement in the EOI.	





SMTA INFRA &lt;kmp.infra.smta@gmail.com&gt;

**Clarification Response of TUMAS-EMAY-RHC**

SMTA INFRA &lt;kmp.infra.smta@gmail.com&gt;

Fri Aug 21, 2020 at 2:11 PM

To: pd.kmp.ylc@gmail.com, Consultant P & C TMTD <planning.smtc@gmail.com>, Rafay Ali Laghar  
<rafay.laghari.smta@gmail.com>, Chief.consultant.tmtc@gmail.com, sikande.shaikh@yahoo.com,  
danish.pppgos@gmail.com, Muhammad Yousuf Munir <director.infra.smta@gmail.com>  
Cc: managingdirector.smta@gmail.com

Dear All,

Following email is the clarification obtained by the consortium of M/s EMAY JV M/s Tumas, received by the deadline given to them but they did not copy all of the Committee members and sent through a new email. For record and review purpose, please.

Regards

[Quoted text hidden]

 Clarification\_1.pdf  
11805K

M Gmail

SMTA INFRA <kmp.infra.smta@gmail.com>

**Electronic Submission of EOI: Karachi Mobility Project - Yellow BRT (Loan no. IBRD 8995-PK, Project ID: P166732)**

Rehan Zamin <rehanzamin@gmail.com>

To: SMTA INFRA <kmp.infra.smta@gmail.com>

Wed Jul 22, 2020 at 1:59 PM

Cc: Ali Abbany <Ali.Abbany@dar.com>, Madiha BenSlama <Madiha.BenSlama@dar.com>, Ali javaid <Ali\_jash2000@hotmail.com>, Mubashra Zafar <mubashrazafar@outlook.com>, "Iqtidar Ahmed (managingdirector.smta@gmail.com)" <managingdirector.smta@gmail.com>, pd.kmp.ylc@gmail.com, Rafay Ali Laghari <rafay.laghari.smta@gmail.com>, Ashraf Lakho <Chief.consultant.tmt@gmail.com>, Consultant P & C TMTD <planning.smtc@gmail.com>, Muhammad Danish <danish.pppgos@gmail.com>, sikande.shaikh@yahoo.com, Muhammad Yousuf Munir <director.infra.smta@gmail.com>, Karim Zakaria <Karim.Zakaria@dar.com>

Dear sir,

This is with reference to your email dated July 15, 2020, through which you have asked DAR-NESPAK JV to submit clarifications on the electronic copy of EOI submitted, for the subject project.

Enclosed please find our response to your queries.

We hope that the above suffice your requirements.

Regards

Rehan Zamin  
Chief Engineer / Section Head (Infrastructure)  
NESPAK, Karachi  
Tel: 021-99090638  
Mob: 0345-2113830

[Quoted text hidden]

 DAR-NESPAK - Yellow EOI - Response to Queries - 22-07-2020.pdf  
17683K



3/24/2020

Gmail - Re: PK-SMTA-122605-CS-QCBS - Eol for Yellow BRT Line



SMTA INFRA <kmp.infra.smta@gmail.com>

## Re: PK-SMTA-122605-CS-QCBS - Eol for Yellow BRT Line

VIAVANT Romain (SCE) <romain.viavant@sce.fr>

Sat, Jul 18, 2020 at 12:04 AM

To: "kmp.infra.smta@gmail.com" <kmp.infra.smta@gmail.com>

Cc: "ashar.lodi@exponent.com.pk" <ashar.lodi@exponent.com.pk>, "LECCADIE-THAUVIN Alice (SCE)" <alice.leccadie-thauvin@sce.fr>, "aamirshf@gmail.com" <aamirshf@gmail.com>, "managingdirector.smta@gmail.com" <managingdirector.smta@gmail.com>, "director.infra.smta@gmail.com" <director.infra.smta@gmail.com>, "chief.consultant.tmt@gmail.com" <chief.consultant.tmt@gmail.com>, "danish.pppgos@gmail.com" <danish.pppgos@gmail.com>, "sikande.shaikh@yahoo.com" <sikande.shaikh@yahoo.com>, "rafay.laghari.smta@gmail.com" <rafay.laghari.smta@gmail.com>, "planning.smtc@gmail.com" <planning.smtc@gmail.com>, "pd.kmp.ylc@gmail.com" <pd.kmp.ylc@gmail.com>

Dear PMU,

I confirm that we have received the below request for clarification on the aforementioned package. We are now collecting the required documents. However, due to the holiday season, this may require few days. May you allow us few more days to send you the documents? That would be much helpful to make sure all is in order.

We remain at your disposal would you have any further clarification.

Best Regards,



Romain VIAVANT

Département International

International Department

4 rue Viviani

CS 26220 - 44262 Nantes Cedex 2

Tél. +33 2 51 17 29 29

romain.viavant@sce.fr

www.sce.fr

GROUPE KERAN

From: SMTA INFRA <kmp.infra.smta@gmail.com>

Date: 15 July 2020 at 17:44:55 GMT+5

To: "LECCADIE-THAUVIN Alice (SCE)" <alice.leccadie-thauvin@sce.fr>

Cc: "Ashar H. Lodi" <ashar.lodi@exponent.com.pk>, "Aamir Sharif [Gmail]" <aamirshf@gmail.com>, Aamir Sharif <m.aamir@exponent.com.pk>, managingdirector.smta@gmail.com, Muhammad Yousuf Munir <director.infra.smta@gmail.com>, chief.consultant.tmt@gmail.com, danish.pppgos@gmail.com, sikande.shaikh@yahoo.com, Rafay Ali Laghari <rafay.laghari.smta@gmail.com>, Consultant P & C TMTD <planning.smtc@gmail.com>, pd.kmp.ylc@gmail.com

Subject: Re: PK-SMTA-122605-CS-QCBS - Eol for Yellow BRT Line

Dear Alice Thauvin,

<https://mail.google.com/mail/u/3/?ik=47e045ef1&view=pt&search=all&permmsgid=msg-F%3A1672491998040145007&simpl=msg-%3A1672491998040145007>

8/24/2020

Gmail - Re: PK-SMTA-122605-CS-OCBS - EOI for Yellow BRT Line

Subsequent to the submission of the EOI document, please provide the response to the following latest by 23rd July 2020 for our further necessary action.

Please note that the page numbers referred below refer to the page numbers of the pdf soft copy of the EOI document submitted.

<u>M/s SCE JV M/s Hill International JV M/s Logit JV M/s HHO JV M/s Exponent (Pakistan)</u>
<u>Correction required:</u>
<u>Please refer to Page 08 and Page 09 of the EOI. The letter of declaration of association from M/s Logit and M/s HHO is not referred to the SMTA as required. Please make necessary corrections and provide afresh.</u>
<u>FINANCIAL STRENGTH</u>
<u>Clarification / Query:</u>
<u>Please provide Audited Reports of last five years for Hill International N.V and Logit Consulting Inc. Certified from an Audit Firm or Certified affiliated Independent Auditor.</u>

Thanks &

Regards

A collection of handwritten signatures and initials in black ink, including a large signature on the left, a signature with a long horizontal stroke in the middle, and several other initials and signatures on the right.





SMTA INFRA &lt;kmp.infra.smta@gmail.com&gt;

## Re: PK-SMTA-122605-CS-QCBS - Eol for Yellow BRT Line

VIAVANT Romain (SCE) &lt;romain.viavant@sce.fr&gt;

Wed, Jul 22, 2020 at 11:51 AM

To: "kmp.infra.smta@gmail.com" &lt;kmp.infra.smta@gmail.com&gt;

Cc: "ashar.lodi@exponent.com.pk" <ashar.lodi@exponent.com.pk>, "LEOCADIE-THAUVIN Alice (SCE)" <alice.leocadie-thauvin@sce.fr>, "aamirshf@gmail.com" <aamirshf@gmail.com>, "managingdirector.smta@gmail.com" <managingdirector.smta@gmail.com>, "director.infra.smta@gmail.com" <director.infra.smta@gmail.com>, "chief.consultant.tmt@gmail.com" <chief.consultant.tmt@gmail.com>, "danish.pppgos@gmail.com" <danish.pppgos@gmail.com>, "sikande.shaikh@yahoo.com" <sikande.shaikh@yahoo.com>, "rafay.laghari.smta@gmail.com" <rafay.laghari.smta@gmail.com>, "planning.smtc@gmail.com" <planning.smtc@gmail.com>, "pd.kmp.ylc@gmail.com" <pd.kmp.ylc@gmail.com>

Dear PMU,

Please find enclosed the required documents:

- Updated Letters of Association from Ms Logit and HHO,
- Audited accounts from Logit and Hills international.

We remain at your disposal would you have any further question.

Best Regards,



Romain VIAVANT  
Département International  
International Department

4 rue Viviani

CS 26220 - 44262 Nantes Cedex 2

Tél. +33 2 51 17 29 29  
romain.viavant@sce.fr

www.sce.fr

GROUPE KERAN

De : VIAVANT Romain (SCE)

Envoyé : vendredi 17 juillet 2020 21:04

À : "kmp.infra.smta@gmail.com" &lt;kmp.infra.smta@gmail.com&gt;

Cc : "ashar.lodi@exponent.com.pk" <ashar.lodi@exponent.com.pk>; LEOCADIE-THAUVIN Alice (SCE) <alice.leocadie-thauvin@sce.fr>; "aamirshf@gmail.com" <aamirshf@gmail.com>; "managingdirector.smta@gmail.com" <managingdirector.smta@gmail.com>; "director.infra.smta@gmail.com" <director.infra.smta@gmail.com>; "chief.consultant.tmt@gmail.com" <chief.consultant.tmt@gmail.com>; "danish.pppgos@gmail.com" <danish.pppgos@gmail.com>; "sikande.shaikh@yahoo.com" <sikande.shaikh@yahoo.com>; "rafay.laghari.smta@gmail.com" <rafay.laghari.smta@gmail.com>; "planning.smtc@gmail.com" <planning.smtc@gmail.com>

8/24/2020

Gmail - Re: PK-SMTA-122605-CS-QCBS - Eol for Yellow BRT Line

<planning.smtc@gmail.com>; 'pd.kmp.ylc@gmail.com' <pd.kmp.ylc@gmail.com>  
Objet : Re: PK-SMTA-122605-CS-QCBS - Eol for Yellow BRT Line

[Quoted text hidden]

 Clarifications.pdf  
29030K

*[Handwritten signatures and initials]*

5/24/2020

Gmail - Submission of EOI for Karachi Mobility Project - Yellow Line



SMTA INFRA <kmp.infra.smta@gmail.com>

## Submission of EOI for Karachi Mobility Project - Yellow Line

Rafay Ahmed Siddiqui <rafay.ahmed@osmani.com>

To: SMTA INFRA <kmp.infra.smta@gmail.com>

Wed Jul 15 2020 at 6:47 PM

Cc: Chief.consultant.tmtc@gmail.com, Consultant P & C TMTD <planning.smtc@gmail.com>, Muhammad Yousuf Munir <director.infra.smta@gmail.com>, Rafay Ali Laghari <rafay.laghari.smta@gmail.com>, Rafay Ahmed Siddiqui <rafay.ahmed@osmani.com>, danish.poghos@gmail.com, managingdirector.smta@gmail.com, pd.kmp.ylc@gmail.com, sikande.shaikh@yahoo.com

Dear Sir,

Duly noted,

Will be responded to by 23rd July positively,

Regards,

Rafay

[Quoted text hidden]

The block contains several handwritten signatures and initials. At the top center is a large, stylized signature. Below it, there are several smaller signatures and initials, including one that looks like 'YH' and another that looks like 'R'. There are also some scribbles and marks that are difficult to decipher.

8/24/2020

Gmail - Submission of EOI for Karachi Mobility Project - Yellow Line



SMTA INFRA <kmplnfr@smta@gmail.com>

## Submission of EOI for Karachi Mobility Project - Yellow Line

Rafay Ahmed Siddiqui <rafay.ahmed@osmani.com>  
For SMTA INFRA <kmplnfr@smta@gmail.com>  
Co-Managing Director SMTA <kmplnfr@smta@gmail.com>, Chief Consultant TMTD <planning\_smta@gmail.com>, Rafay Ali Laghari <rafay.laghari@smta@gmail.com>, Danish Poojari <danish.poojari@gmail.com>, s.k.k.  
Munir <munir@smta.com>, Consultant P & C TMTD <planning\_smta@gmail.com>

Dear Sir,

Please find attached answers to the above queries. All of the above queries have been answered except for the Financial Strength of M/s Spiro Pollalis Inc. as they have an obligation to they have provided certificates of proof of enrolment of good financial standing. It is requested that if our consortium meets the criteria for financial strength without M/s Spiro Pollalis, then please let us know an alternative apart from audited return statements.

Kindly let us know if there is a requirement to submit hard copies of this response.

Thanks & Best Regards,

Rafay A Siddiqui, PhD, PE  
PMP, ENVS, LEED AP  
Executive Director  
Osmani & Company (Pvt.) Ltd.,  
Consulting Engineers - Architects - Planners  
Osmani House, 245/2-K, Block-6, PECHS,  
Karachi-75400, Pakistan.  
Ph: +92-21-3454-6641/2, 3453-6007/8  
Fax: +92-21-34634551  
Web: www.osmani.com  
E-mail: os.a@osmani.com

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Message ID: 10282

8 attachments

WhatsApp image 2020-07-23 at 1.58.52 PM.jpg  
53K



Screen Shot 2020-07-15 at 7.02.28 PM.png  
433K

Certificate\_of\_good\_standing.pdf  
152K

Certification 2.pdf  
1301K

Certification 1.pdf  
2900K

EOI-PTC-SMTA-Karachi Mobility-Yellow BRT-R1.pdf  
5800K

*[Handwritten signatures and initials]*





SMTA INFRA &lt;kmp.infra.smta@gmail.com&gt;

## Submittal EOI for Yellow Line BRT by TYPASA/MMP/AsCE

ADAME DE HEU PATRICIO &lt;padame@typsa.es&gt;

Thu, Jul 23, 2020 at 4:53 PM

To: SMTA INFRA &lt;kmp.infra.smta@gmail.com&gt;

Cc: Ejaz Alam &lt;ejaz.alam@mmpakistan.com&gt;, "managingdirector.smta@gmail.com"

&lt;managingdirector.smta@gmail.com&gt;, Muhammad Yousuf Munir &lt;director.infra.smta@gmail.com&gt;, Rafay Ali Laghari

&lt;rafay.laghari.smta@gmail.com&gt;, Consultant P &amp; C TMTD &lt;planning.smtc@gmail.com&gt;

"Chief.consultant.tmt@gmail.com" &lt;Chief.consultant.tmt@gmail.com&gt;, "danish.pppgos@gmail.com"

&lt;danish.pppgos@gmail.com&gt;, "sikande.shaikh@yahoo.com" &lt;sikande.shaikh@yahoo.com&gt;, "pd.kmp.ylc@gmail.com"

&lt;pd.kmp.ylc@gmail.com&gt;, RODRIGUEZ CASTELLANOS ANTONIO &lt;arcastellanos@typsa.es&gt;

Dear Sir,

Please find the required information by your yesterday's mail. I hope this will meet with you requirements.

M/s Typsa JV M/s Mott McDonald Pakistan		
GENERAL TECHNICAL EXPERIENCE	CLARIFICATION / QUERY	Doc attached name
Project:  "Riyadh Metro Project (Package 3 – Lines 4,5 and 6)" — [Page No: 159]	Please provide a copy of contract agreement of this project. The certificate provided at Page 161 is signed without the mentioning of officer name / designation and other relevant details.	Please refer to documents CBE 1387,  1Ryadh Metro  13Riyadh Metro  Three of them attached
SPECIFIC TECHNICAL EXPERIENCE	CLARIFICATION / QUERY	
Project:  "New Transport System of Astana BRT – Phase 1" — [Page 207]	Please provide Certificate of completion / Copy of Contract Agreement stating the project cost, scope of services provided by M/s TYPASA and duration of services.	Please refer to  3ASTANA LRT  06-FM1389 CONTRACT 19_TR1365 MP Astana  three of them Attached
Project:  "Transport Planning study and Detailed design of Abu Dhabi Urban transport network" — [Page 222]	Please provide Certificate of completion / Copy of Contract Agreement stating the project cost, scope of services provided by M/s TYPASA and duration of services.	Please refer to doc named:  doc3091 Abu Dhabi LRT ADDENDUM 7 Transport Network DP AD

8/24/2020

Gmail - Submittal EOI for Yellow Line BRT by TYPsa/MMP/AsCE

	four of them attached
FINANCIAL STRENGTH Clarification / Query	
TÉCNICA Y PROYECTOS S.A being a Lead partner has not submitted the Audited Financial Reports for the financial year 2019. Please provide the required document as being a mandatory requirement in the EOI.	Please refer to Balance sheet year 2019 Auditor's report not yet translated *by 15 days still

In the case you have still any query, please do not hesitate to address them to me

Kind regards

Patricio M. Adame de Heu

Country Manager, MEGD Pakistan | TYPsa GROUP

Tel: +92 423 545 0914-5 | Fax: +92 423 545 0916 | Mobile: +92 320 455 4558

Email: padame@typsa.com

Address: C-3, Jhelum Block, Green Forts-II | Lahore 54700 | Pakistan

www.typsa.com



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8/24/2020

Gmail - Submittal EOI for Yellow Line BRT by TYPsa/MMP/AsCE

From: SMTA INFRA [mailto:kmp.infra.smta@gmail.com]

Sent: Wednesday, July 15, 2020 2:37 PM

To: ADAME DE HEU PATRICIO <padame@typsa.es>


Cc: Ejaz Alam <ejaz.alam@mmpakistan.com>; managingdirector.smta@gmail.com; Muhammad Yousuf Munir <director.infra.smta@gmail.com>; Rafay Ali Laghari <rafay.laghari.smta@gmail.com>; Consultant P & C TMTD <planning.smtc@gmail.com>; Chief.consultant.tmtc@gmail.com; danish.pppgos@gmail.com; sikande.shaikh@yahoo.com; pd.kmp.ylc@gmail.com

Subject: Re: Submittal EOI for Yellow Line BRT by TYPsa/MMP/AsCE

Dear Mr. Patricio M. Adame de Heu,


(Quoted text hidden)

11 attachments

 INFORME DE AUDITORIA TYPsa 2019\_castellano\_inglés\_numerado firmado.pdf  
3794K

 Bce-Inglés € firmado.pdf  
354K


 1-Riyadh Metro.pdf  
1731K

 13-RiyadhMetro.pdf  
302K

 01-CBE-1387-MetroRiad 10-12-16.pdf  
220K


 Transport Network DP\_Abu Dhabi.pdf  
393K

 3091.pdf  
3611K

 AbuDhabi\_LRT.PDF  
3020K

 Addendum No. 7.pdf  
2055K

 19\_TR1365 Master Plan Astana contract summary.pdf  
470K

 03-Astana\_LRT.PDF  
627K

